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TABLE OF CONTENTS, FIELD MAINTENANCE PRINT SET PART NO. MPO2411-011

		UNIT VARIATIONS COVERED BY THIS PRINT SET				
VT330-A2	VT330-A3	VT330-B2	VT330-B3	VT330-C2	VT330-C3	
K-TC-VT330-0-1	TABLE OF CONTENTS		C-AD-7022618-0-DBU	ASSY DWG, CONTROL/BRKT ASSY		
K-DD-VT330-0	DWG DIR, GRAPHIC TERMINAL		K-PL-7022618-0-DBP	PARTS LIST		
E-UA-VT330-0-DBU	UNIT ASSY					
K-PL-VT330-0-DBP	PARTS LIST		C-AD-7022620-0-DBU	ASSY DWG, INLET/SWITCH ASSY		
B-DD-5416905-0-0	DWG DIR, PWR SUP/MONITOR MODULE		K-PL-7022620-0-DBP	PARTS LIST		
K-PL-5416905-0-DBP	PARTS LIST					
D-UA-5416905-0-0	UNIT ASSY					
B-CS-5416905-0-1	SCHEMATIC					
B-DD-5416909-0-0	DWG DIR, CPU MODULE					
K-PL-5416909-0-DBP	PARTS LIST					
D-UA-5416909-0-0	UNIT ASSY					
B-CS-5416909-0-1	SCHEMATIC					
C-AD-7022623-0-DBU	ASSY DWG, ROM CARTRIDGE, VT330/340					
K-PL-7022623-0-DBP	PARTS LIST					
B-DD-5416903-0-0	DWG DIR, BITMAP MODULE					
K-PL-5416903-0-DBP	PARTS LIST					
D-UA-5416903-0-0	UNIT ASSY					
B-CS-5416903-0-1	SCHEMATIC					
B-DD-5416907-0-0	DWG DIR, VIDEO AMPLIFIER MODULE					
K-PL-5416907-0-DBP	PARTS LIST					
D-UA-5416907-0-0	UNIT ASSY					
B-CS-5416907-0-1	SCHEMATIC					
E-AD-7022617-0-DBU	ASSY DWG, CRT/CHASSIS/BEZEL ASSY					
K-PL-7022617-0-DBP	PARTS LIST					
E-AD-7022622-0-DBU	ASSY DWG, REAR ENCLOSURE/BASE ASSY					
K-PL-7022622-0-DBP	PARTS LIST					
D-MD-7432389-0-DBU	MECH DETAIL PANEL REAR					

----- REVISION HISTORY

D | I | G | I | T | A | L | IDRN: Bruce Harvey
| | | | | | | | ICHK'D: Oliver Lin
| | | | | | | | DEG.ENG. Oliver Lin
-----|FIELD SERVICE: Bob Welch
Top Doc No. K-DD-VT330-0 |IMFG FNG: Gordon Wu

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DOCUMENT/PART NO.	DESCRIPTION	DOCUMENT/PART REVISIONS
VT330-A2	GRAPHICS TERM, MONOCHRM, WHITE PHSPHR, 120V (NO KYBD)	A1
VT330-A3	GRAPHICS TERM, MONOCHRM, WHITE PHSPHR, 240V (NO KYBD)	A1
VT330-B2	GRAPHICS TERM, MONOCHRM, GREEN PHSPHR, 120V (NO KYBD)	A1
VT330-B3	GRAPHICS TERM, MONOCHRM, GREEN PHSPHR, 240V (NO KYBD)	A1
VT330-C2	GRAPHICS TERM, MONOCHRM, AMBER PHSPHR, 120V (NO KYBD)	A1
VT330-C3	GRAPHICS TERM, MONOCHRM, AMBER PHSPHR, 240V (NO KYBD)	A1
K-PL-VT330-0-DBP	PARTS LIST	A
E-UA-VT330-0-DBU	UNIT ASSY	A
K-TC-VT330-0-1	TABLE OF CONTENTS	A
MP-02411-01	FIELD MAINT PRINT SET	REF
	DRAWING DIRECTORY REVISION	A

NOTES:

REVISION HISTORY											
DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV
3 Feb 87	INITIAL	A									
D	I	G	I	T	J	A	L	I	D	RN: Bruce Harvey	DATE 3 Feb 87 TITLE: DRAWING DIRECTORY
										CHK'D: Oliver Lin	DATE 2 Feb 87 VT330 GRAPHIC TERMINAL
										DES. ENG: Oliver Lin	DATE 3 Feb 87
										RES. ENG: Oliver Lin	DATE 3 Feb 87 SECTION
										MFG. ENG: Gordon Wu	SHEET DOCUMENT NUMBER REV
											1 OF A 1 OF 1 K-DD-VT330-0 A

8 6 5 4 3 2 1

H G F E D C B A

SEE NOTE 1

SECTION "A-A"

1 OR 2 OR 3

6 OR 7 OR 8 OR
9 OR 10 OR 11

NOTES:

- DETERMINE VOLTAGE REQUIRED FOR FINAL CONFIGURATION AND POSITION JUMPER ACCORDINGLY.

PART NO.	JUMP POSITION
VT330-A2	120V
VT330-A3	240V
VT330-B2	120V
VT330-B3	240V
VT330-C2	120V
VT330-C3	240V

CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-VT330-0-DBP
(MLA0361A.PLS)

DESCRIPTION		DRAWING NO.	PART NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER SEC. STD. 1141)			
LINEAR TOLERANCE	ANGLE TOLERANCE	APPLICABLE DIMENSIONS	DIMENS. IN INCHES IN INCHES
LIN. ± .1	ANG. ± .05	OVERALL LENGTH	OVERALL LENGTH
LIN. ± .05	ANG. ± .02	OVERALL WIDTH	OVERALL WIDTH
LIN. ± .02	ANG. ± .01	OVERALL HEIGHT	OVERALL HEIGHT
DRAWN BY: J.N. LIN DATE: 23-APR-80		TITLE: TERMINAL, GRAPHICS	
CHECKED BY: I. LIN DATE: 20-DEC-80			
DESIGNED BY: J. KUO DATE: 23-APR-85			
APPROVED BY: G. WU DATE: 04-FEB-82			
FINGERPRINTED BY: DATE: 04-FEB-82			
K-00-VT330-0		DRAWN BY: J. N. LIN	
RELEASED		DRAWN BY: J. N. LIN	

CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-VT330-0-DBP
(MLA0361A.PLS)

AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	QUANTITY PER VARIATION/RE					
						A2 A1	A3 A1	B2 A1	B3 A1	C2 A1	C3 A1
1	1	E-AD-7023716-0-DBU	70-23716-01	A	TERMINAL SUB-ASSY	1	1	-	-	-	-
2	2	E-AD-7023716-0-DBU	70-23716-02	A	TERMINAL SUB-ASSY TEXT, GRN	-	-	1	1	-	-
3	3	E-AD-7023716-0-DBU	70-23716-03	A	TERMINAL SUB-ASSY TEXT, AMB	-	-	-	-	1	1
4	4		36-18460-01	A	LABEL,BAR CODE BLANK .38 X1.5	1	1	1	1	1	1
5	5		36-26330-05	A	LABEL,REGULATORY VT-330 CLASS A W/	1	1	1	1	1	1
6	6		36-26331-07	A	LABEL,SERIAL VT330-A2	1	-	-	-	-	-
7	7		36-26331-08	A	LABEL,SERIAL VT330-A3	-	1	-	-	-	-
8	8		36-26331-09	A	LABEL,SERIAL VT330-B2	-	-	1	-	-	-
9	9		36-26331-10	A	LABEL,SERIAL VT330-B3	-	-	-	1	-	-
10	10		36-26331-11	A	LABEL,SERIAL VT330-C2	-	-	-	-	1	-
11	11		36-26331-12	A	LABEL,SERIAL VT330-C3	-	-	-	-	-	1
12	12		37-00967-01		PKG MONITOR VT330 INTERPLANT	1	1	1	1	1	1

REVISION HISTORY			KPL MATRIX FORMAT!SECTION A OF A	DRN: J.N. LIN	D I G I T A L
ENG!	ECO NUMBER	REV	SECTION/VARIATION INDEX	DATE: 29-APR-86	
---	INITIAL	A	[A] A2,A3,B2,B3,C2,C3 [B] [C] [D] [E] [F] [H] [J]	CHK'D: I. LIN DATE: 20-DEC-86 DES.ENG: J. KUO DATE: 29-APR-86 RESP.ENG.: O. LIN DATE: 20-DEC-86 MFG.ENG: G. WU DATE: 04-FEB-87	TITLE PARTS LIST TERMINAL, GRAPHICS DOCUMENT NUMBER SIZE CODE NUMBER REV K PL VT330-0-DBP A RELEASE DATE: 20-FEB-87 RELEASE STATUS: RELEASED
			BASIC PART NUMBER: VT330	ASSEMBLY NUMBER: K-DD-VT330-0	TOP DOCUMENT NUMBER: K-DD-VT330-0
					FILE NAME: MLA0361A.PLS
					EDIT # 19

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1987

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DRN F. LIU
CHK'D B. CHEN
DES. ENG. K. WU/C. Y. LIN
RESP. ENG. J. B. LOU
MFG. END *[Signature]*

TITLE DWG DIR,
PWR SUP/MONITOR MODULE

DOCUMENT NUMBER
NUMBER
5416905-0-0

DR8 126C
EN-01242-16-REVA (396)

BR01

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
1	1	B-DD-5016904-0-0	50-16904-01	J	CIRCUIT DRILL AND ETCH BOARD	1	
2	2		10-00020-00	180	PFD 100V +/- 5% 200PP	1	C113
3	3		10-05784-00	0.010MFD	100V +/- 10% MYLAR	1	C231
4	4		10-12312-01	0.47 MFD	50V +80/-20% Z5U C	6	C203,C211,C526,C527,C529,C530
5	5		10-12784-00	0.047MFD	50V +80/-20% Z5U C	1	C532
6	6		10-13466-06	100	PFD 50V +/- 5% NPO C	1	C106
7	7		10-13466-10	3300	PFD 50V +/- 5% NPO C	1	C507
8	8		10-13466-11	0.22 MFD	50V +80/-20% Z5U C	2	C504,C520
9	9		10-13466-19	470	PFD 50V +/- 5% NPO C	3	C107,C506,C510
10	10		10-13466-22	0.10 MFD	50V +80/-20% Z5U C	4	C101,C205,C206,C218
11	11		10-13466-28	1000	PFD 50V +/- 5% NPO C	1	C533
12	12		10-13466-34	4700	PFD 50V +/- 5% X7R C	1	C202
13	13		10-13466-43	0.010MFD	50V +/- 5% X7R C	3	C200,C508,C509
14	14		10-13669-02	0.10 MFD	150V +/- 5% M.POL	3	C103,C108,C109
15	15		10-15202-01	1800	PFD 1600V +/- 10% POLYP	1	C512
16	16		10-15573-00	0.027MFD	50V +/- 5% X7R C	1	C207
17	17		10-16544-00	0.10 MFD	100V +/- 10% MYLAR	3	C111,C518,C528
18	18		10-16548-00	1000	MFD 16V +50/-10% ALU	1	C514
19	19		10-16553-00	4.7 MFD	25V +75/-10% ALU	1	C230
20	20		10-16572-00	300	PFD 500V +/- 10% X5F/X	1	C521
21	21		10-18000-07	10	MFD 63V +50/-20% ALU	1	C217
22	22		10-18000-13	100	MFD 35V +50/-20% ALU	1	C511
23	23		10-18000-28	1.0 MFD	100V +50/-20% ALU	2	C400,C519
24	24		10-18000-29	10	MFD 25V +75/-20% ALU	1	C120
25	25		10-18000-30	330	MFD 50V +50/-20% ALU	1	C525
26	26		10-18000-32	10	MFD 160V +50/-20% ALU	1	C215
27	27		10-18000-33	100	MFD 25V +50/-20% ALU	1	C102
28	28		10-18000-34	100	MFD 100V +50/-20% ALU	1	C216
29	29		10-19559-01	0.020MFD	1000V +80/-20% Y5U/Z	1	C213
30	30		10-19559-03	1500	PFD 1000V +/- 20% Y5U/Z	1	C222
31	31		10-19559-04	0.010MFD	2000V +/- 20% Y5U/Z	1	C214
32	32		10-20604-13	1.5 MFD	100V +/- 5% MET M	1	C210

REVISION HISTORY			KPL MODULE FORMAT	SECTION A OF	A!DRN: F. LIU	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 05-MAY-86		
---	INITIAL	A	[A] O1	[M]	CHK'D: B. CHEN	TITLE PARTS LIST	
			[B]	[N]	DATE: 05-MAY-86	POWER SUPPLY/MONITOR MODULE	
			[C]	[P]	DES.ENG: K WU/CY LIN		
			[D]	[Q]	DATE: 05-MAY-86	DOCUMENT NUMBER	
			[E]	[R]		SIZE!CODE! NUMBER ! REV	
			[F]	[S]	RESP.ENG.: JB LOU		
			[H]	[T]	DATE: 05-MAY-86	K PL 5416905-0-DBP A	
			[J]	[V]			
			[K]	[W]	MFG.ENG: G.CHRISTIANSEN	RELEASE DATE: 04-MAR-87	
			[L]	[Y]	DATE: 25-FEB-87	RELEASE STATUS: RELEASED	
			BASIC PART NUMBER: 5416905	ASSEMBLY NUMBER: D-UA-5416905-0-0	TOP DOCUMENT NUMBER: B-DD-5416905-0-0	FILE NAME: GH432A.PLS	EDIT # 45

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LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	A1
33	33	10-21205-01		1000 MFD 10V +30/-10% ALU	1	C516
34	34	10-23486-03	22	MFD 16V +/-20% ALU	1	C110
35	35	10-26456-01	2200	PFD 100V 1% POLYPROP	1	C201
36	36	10-26457-02	0.015MFD	1000V +/-5% POLYPR	1	C208
37	37	10-26575-01	470	MFD 25V +/-20% ALUM	2	C219,C524
38	38	10-26576-01	330	MFD 250 + 30/-20% ALU	1	C501
39	39	10-26577-01	2200	MFD 10V +/-20% ALU	4	C513,C515,C523,C531
40	40	10-26578-01	330	MFD 25V +/-20% ALU	2	C503,C517
41	41	10-26646-01	0.10	MFD 250V +/-10% MYLAR	1	C121
42	42	10-26860-01	470	MFD 16V +50/-10% ALU	2	C100,C204
43	43	10-26938-01	2200	MFD 16V +/-20% ALUM	1	C112
44	44	10-26959-01	2200	PFD 100V +/-5% POLYPR	1	C522
45	45	10-27721-01	330	MFD 400V +/-20% ALU	1	C502
46	46	11-02808-01	VZ= 5.6	1% 400 MW 1N752	1	D512
47	47	11-05796-00	PIV= 400	I0= 1.00A 1N4004 D0-41	3	D100,D502,D507
48	48	11-12594-01	PIV= 200	I0= 3.00A	1	D513
49	49	11-12594-02	PIV= 600	I0= 3.00A	1	D206
50	50	11-12595-01	PIV= 200	I0= 1.00A AXIAL	4	D503,D504,D506,D509
51	51	11-12595-02	PIV= 600	I0= 1.00A AXIAL	2	D204,D205
52	52	11-16475-00	PIV= 75	- 4NS 1N4148	7	D120,D401-D403,D505,D514,D515
53	53	11-20828-01	PIV=1000	I0= 1.50A	1	D508
54	54	11-21435-01	RECT. ASSY	PIV= 600 I0= 2.00A	1	D501
55	55	11-21581-01	PIV=1500	I0= 60MA	1	D203
56	56	11-24037-01	VZ= 36.0	5% 400 MW 1N974B D0-35	9	D611-D619
57	57	11-24210-01	SCHOTTKY	PIV= 45 I0=15.00A T022	1	D511
58	58	11-26397-01	PIV=100	I0=3.0 A 150NS	1	D510
59	59	11-26743-01	TRANS SUPP	600W 10V +/-	4	D601-D604
60	60	11-26743-02	TRANS SUPP	600W 22V +/-	6	D605-D610
61	61	12-10929-02	FUSE PICO 1.0	A 125V AXIAL LEA	1	F501
62	62	12-13071-06	INSULATOR,RUBBER	SILICONE	3	
63	63	12-13071-21	INSULATOR,RUBBER	THERMAL	1	
64	64	12-15228-00	HEAT SINKS,T0-220	01.25X0.87	1	H502
65	65	12-15323-00	PCB HEADER 06PIN(1X06)	.100CC STR	1	J104
66	66	12-15323-02	PCB HEADER 02PIN(1X02)	.100CC STR	1	J400
67	67	12-15323-05	PCB HEADER 03PIN(1X03)	.100CC STR	1	J102
68	68	12-17485-01	MATE-N-LOK 03SKT(1X03)	.250CC ASS	1	J501
69	69	12-18826-07	CONN,PHONE	JACK 04POS	1	J4
70	70	12-21439-01	PCB,HEADER 03PIN(1X03)	.200CC STR	1	J201
71	71	12-23192-08	FUSE 5X20 3.0	A 250V FAST ACTI	1	F500
72	72	12-23433-02	CONN,LAN	JACK 06 POS	3	J1-J3
73	73	12-24261-01	PCB HEADER	PIN .1250D TIN	2	J503,J504
74	74	12-26619-01	FUSECLIP	5MM	2	
75	75	12-26771-01	HEAT SINK		1	H504
76	76	12-26771-02	HEAT SINK		1	H503
77	77	12-27598-01	HEAT SINK		1	H203
78	78	12-27759-01	HEAT SINK		1	H510
79	79	13-00197-00	33.0	.25 W 5.0 % CF	1	R212
80	80	13-00202-00	47.0	.25 W 5.0 % CF	1	R520
81	81	13-00229-00	100.0	.25 W 5.0 % CF	4	R233,R522,R524,R534
82	82	13-00243-00	120.0	.50 W 5.0 % CF	2	R210,R215

TITLE		SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
D	I	G	I	T	A	L

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS	
					01		
					A1		
83	83	13-00247-00	120.0	.25 W 5.0 %	CF	1	R206
84	84	13-00271-00	220.0	.25 W 5.0 %	CF	2	R515,R536
85	85	13-00274-00	220.0	.50 W 5.0 %	CF	1	R514
86	86	13-00295-00	330.0	.25 W 5.0 %	CF	1	R407
87	87	13-00364-00	1.0 K	.50 W 5.0 %	CF	1	R115
88	88	13-00365-00	1.0 K	.25 W 5.0 %	CF	3	R510,R513,R535
89	89	13-00439-00	3.30 K	.25 W 5.0 %	CF	1	R328
90	90	13-00479-00	10.0 K	.25 W 5.0 %	CF	1	R120
91	91	13-00385-00	1.20 K	.50 W 5.0 %	CF	1	R523
92	92	13-00391-00	1.50 K	.25 W 5.0 %	CF	1	R200
93	93	13-00398-00	1.80 K	.25 W 5.0 %	CF	1	R208
94	94	13-00417-00	2.20 K	.25 W 5.0 %	CF	2	R121,R207
95	95	13-00426-00	2.70 K	.25 W 5.0 %	CF	1	R205
96	96	13-00444-00	3.90 K	.25 W 5.0 %	CF	1	R401
97	97	13-00447-00	4.70 K	.25 W 5.0 %	CF	1	R101
98	98	13-00478-00	10.0 K	.50 W 5.0 %	CF	1	R533
99	99	13-01317-00	10.0	.25 W 5.0 %	CF	3	R117,R216,R521
100	100	13-01320-00	1.20 K	.25 W 5.0 %	CF	2	R100,R122
101	101	13-01327-00	68.0 K	.25 W 5.0 %	CF	1	R531
102	102	13-01522-00	27.0	.25 W 5.0 %	CF	1	R516
103	103	13-01981-00	2.94 K	.25 W 1.0 % RN55C-F 5		1	R108
104	104	13-02092-00	220.0 K	.25 W 5.0 %	CF	4	R227-R229,R410
105	105	13-02396-00	150.0 K	.25 W 5.0 %	CF	2	R106,R203
106	106	13-02398-00	470.0 K	.25 W 5.0 %	CF	4	R123,R400,R402,R403
107	107	13-02443-00	39.0 K	.50 W 5.0 %	CF	1	R214
108	108	13-02465-00	18.0 K	.25 W 5.0 %	CF	3	R406,R511,R529
109	109	13-03179-00	8.20 K	.25 W 5.0 %	CF	3	R204,R408,R412
110	110	13-03205-00	7.20 K	.25 W 0.10% RN55E-B 2		1	R113
111	111	13-03219-00	82.0 K	.25 W 5.0 %	CF	1	R411
112	112	13-04838-00	43.0 K	.25 W 5.0 %	CF	1	R110
113	113	13-04841-00	75.0 K	.25 W 5.0 %	CF	1	R225
114	114	13-05128-00	5.62 K	.25 W 1.0 % RN55D-F10		1	R114
115	115	13-05131-00	274.0 K	.25 W 1.0 % RN55D-F10		2	R102,R104
116	116	13-05346-00	27.0 K	.25 W 5.0 %	CF	1	R508
117	117	13-10867-00	680.0 K	.25 W 5.0 %	CF	2	R405,R507
118	118	13-11996-02	VARISTOR	275VAC VOLT TRANS SUP		1	R545
119	119	13-12618-00	16.90 K	.25 W 1.0 % RN55D-F10		1	R202
120	120	13-13349-00	33.0 K	.25 W 5.0 %	CF	4	R409,R509,R525,R530
121	121	13-13476-00	51.10 K	.25 W 1.0 % RN55D-F10		1	R512
122	122	13-13596-00	20.0 K	.25 W 1.0 % RN55D-F10		1	R527
123	123	13-14950-00	130.0 K	.25 W 5.0 %	CF	1	R532
124	124	13-14951-00	390.0 K	.25 W 5.0 %	CF	4	R537-R540
125	125	13-16441-00	2.40 M	.25 W 5.0 %	CF	1	R223
126	126	13-16522-01	100.0 K	.25 W20.0 %	POT	1	R111
127	127	13-16522-05	250.0 K	.25 W20.0 %	POT	1	R105
128	128	13-16522-08	5.0 K	.25 W20.0 %	POT	2	R201,R318
129	129	13-16522-09	100.0	.25 W20.0 %	POT	1	R211
130	130	13-17494-00	22.10 K	.25 W 1.0 % RN55D-F10		1	R109
131	131	13-18201-01	4.75 K	.25 W 1.0 % RN55D-F10		1	R526
132	132	13-19242-00	750.0 K	.25 W 5.0 %	CF	1	R112

TITLE				SECTION A OF A				SIZE	CODE	DOCUMENT NUMBER	REV	
D	I	G	S	POWER SUPPLY/MONITOR MODULE				K	PL	5416905-0-DBP	A	
DATE												

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	A1
133	133	13-19327-01	1.30	K .25 W 1.0 % RN550-F10	1	R528
134	134	13-19470-53	100.0	K 1.0 W 5.0 % M.OXIDE	1	R503
135	135	13-19471-44	100.0	K 2.0 W 5.0 % M.OXIDE	1	R504
136	136	13-19471-77	36.0	K 2.0 W 5.0 % M.OXIDE	2	R505,R506
137	137	13-19563-01	5.0	M .20 W20.0 % POT	1	R224
138	138	13-19563-04	2.50	M .33 W20.0 % POT	1	R221
139	139	13-19930-01	1.50	.25 W 5.0 % CF	1	R103
140	140	13-20607-01	1.0	.50 W 5.0 % CF	1	R213
141	141	13-20608-01	3.30	.25 W 5.0 % CF	1	R107
142	142	13-20663-01	6.80	.50 W 5.0 % CF	1	R209
143	143	13-20712-01	360.0	K .50 W 5.0 % CF	1	R222
144	144	13-21411-01	330.0	5.0 W 5.0 % M.OXIDE	2	R518,R519
145	145	13-27007-01		THERMISTOR NTC 10. 15%	2	R501,R502
146	146	13-27013-05	0.36	3.0 W 2.0 % M.OXIDE	1	R517
147	147	13-27013-06	15.0	3.0 W 5.0 % M.OXIDE	1	R542
148	148	15-09525-00	2N 3906	PNP 310MW SI 40100 Y	1	Q400
149	149	15-10706-00	XA 55	PNP 500MW SI 60 50 P	1	Q502
150	150	15-12976-00	MPSA43	NPN 625MW SI200 50	1	Q120
151	151	15-16490-00	MPSU05	NPN 10W SI 2A	3	Q200,Q501,Q505
152	152	15-19536-01	SCR	PIV= 50 IO= 8.00A	1	Q504
153	153 SEE NOTE 1	15-26861-01		NPN 800V IC=4A TO-3PB	1	Q503
154	154	15-27609-01	BU406	NPN 400V 60W T0220	1	Q203
155	155	16-09756-00	2.2 UH	10% 760MA #DD2.20	15	L620-L634
156	156	16-13898-02	39.0 UH	INDUCTOR	2	L613,L615
157	157	16-16309-02	XFMR,HORIZONTAL DRIVE		1	T203
158	158	16-18238-02	BEAD,FERRITE .1380DX.330LG		1	L614
159	159	16-21807-01	COIL,WIDTH,VARIABLE INDUCTOR		1	L201
160	160	16-26496-01	XFMR,TRIGGER 31.5KHZ		1	T502
161	161	16-26508-01	COIL,HORIZONTAL LINEARY		1	L202
162	162	16-26863-01	XFMR,DYNAMIC FOCUS		1	T202
163	163	16-26873-01	XFMR,FLYBACK 31.5KHZ		1	T201
164	164	16-26919-01	XFMR,CONVERTER		1	T501
165	165	16-27344-01	CHOKE 7UH 5A SLUG CORE		1	L504
166	166	16-27345-01	CHOKE 30UH 0.65A SLUG CORE	3	L501,L503,L505	
167	167	16-27681-01	CHOKE,3UH		1	L502
168	168	17-01408-01	CABLE ASSY, FLAT,40(2X20)		1	P302
169	169	19-14156-00	LM 393 VOLT.COMPARATOR DUAL		1	E400
170	170	19-21337-01	OPTOISLTR,XSTR,CTR=50%@IF10MA VC		1	E503
171	171	19-21463-01	1391 TV HORIZ. PROCESSOR		1	E200
172	172	19-22024-02	PREC. VOLT REF, 36V		1	E504
173	173	19-23626-01	PWM OFF-LINE CURRENT		1	E501
174	174	19-27621-01	VERT DEFLECTION CHIP		1	E100
175	175	19-27847-01	FIX VOLTAGE REGULATO		1	E502
176	176 D-IA-7022361-0-0	70-22361-0C A	JUMPER VOLTAGE SELECTOR		1	P503
177	177 C-IA-7023762-0-DBU	70-23762-01 A	11 PIN WIRE ASSY		1	P502
178	178 C-MD-7431615-0-DBU	74-31615-01 A	SPACER,PCB		1	
179	179 C-MD-7432385-0-DBU	74-32385-01 A	COVER, HEAT SINK		1	
180	180 C-MD-7434861-0-DBU	74-34861-01	CLIP, GROUNDING		2	
181	181	90-06010-01	SCREW,MACH PAN PHIL	4-	2	
182	182	90-06013-01	SCREW,MACH PAN PHIL	4-	2	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
									K	PL		
							POWER SUPPLY/MONITOR MODULE				5416905-0-DBP	A

AUTOMATED BY VAXKPL (V1.3)

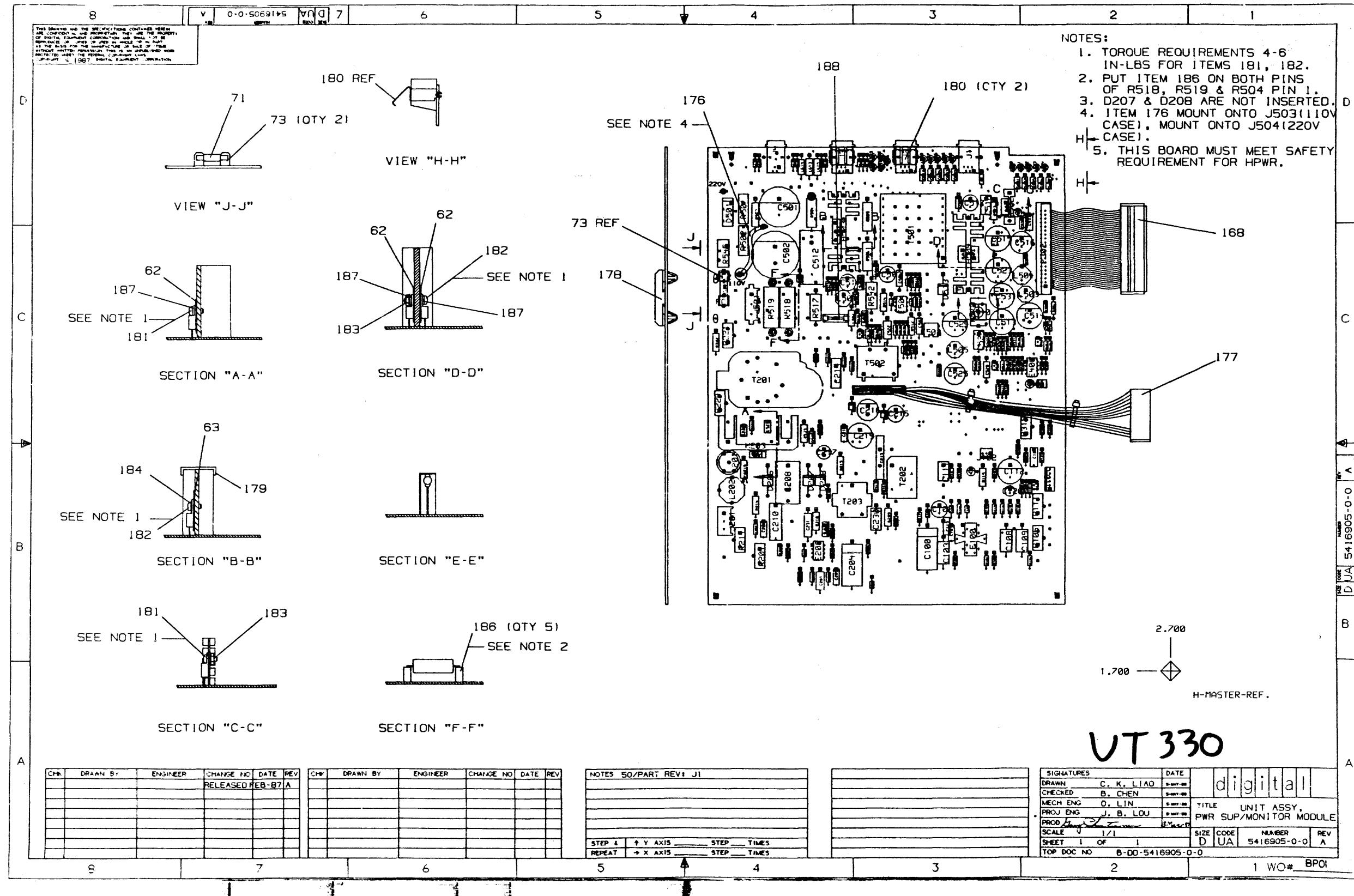
P A R T S L I S T

SHEET A5 OF A5

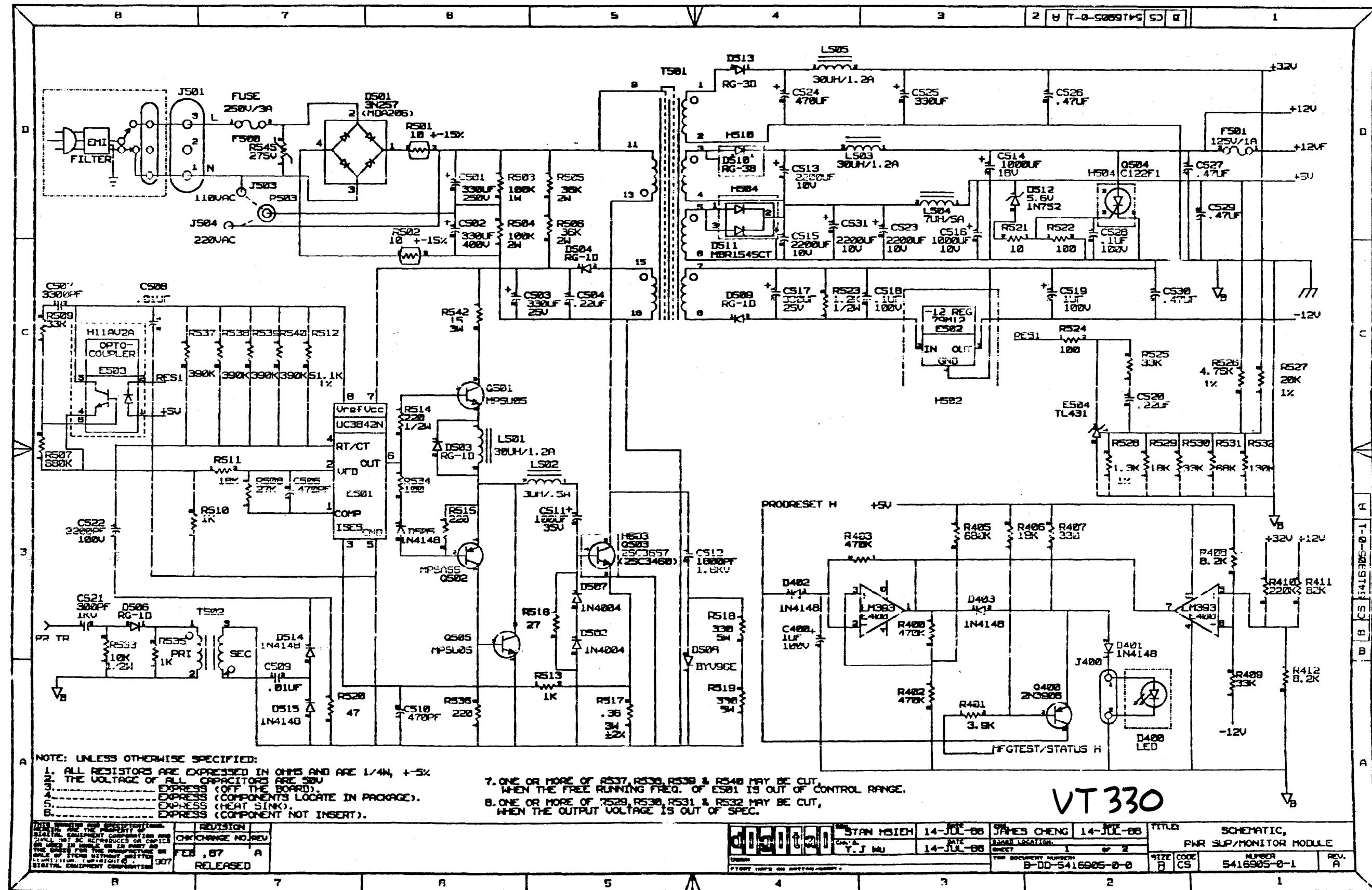
LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
183	183	90-06557-00		NUT,HEX EXT TOOTH LCKWSHR 4-40	2	
184	184	90-06632-00		WASHER,LOCK INTERNAL STEEL	1	
185	185	90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	1	
186	186	90-09798-01		SPACER,CLEAR HOLE RND CERAM .07	5	W1
187	187	90-10057-00		WASHER,SHOULDER INSULATG PPS	3	
188	188	90-10793-01		STANDOFF,TWIST	1	

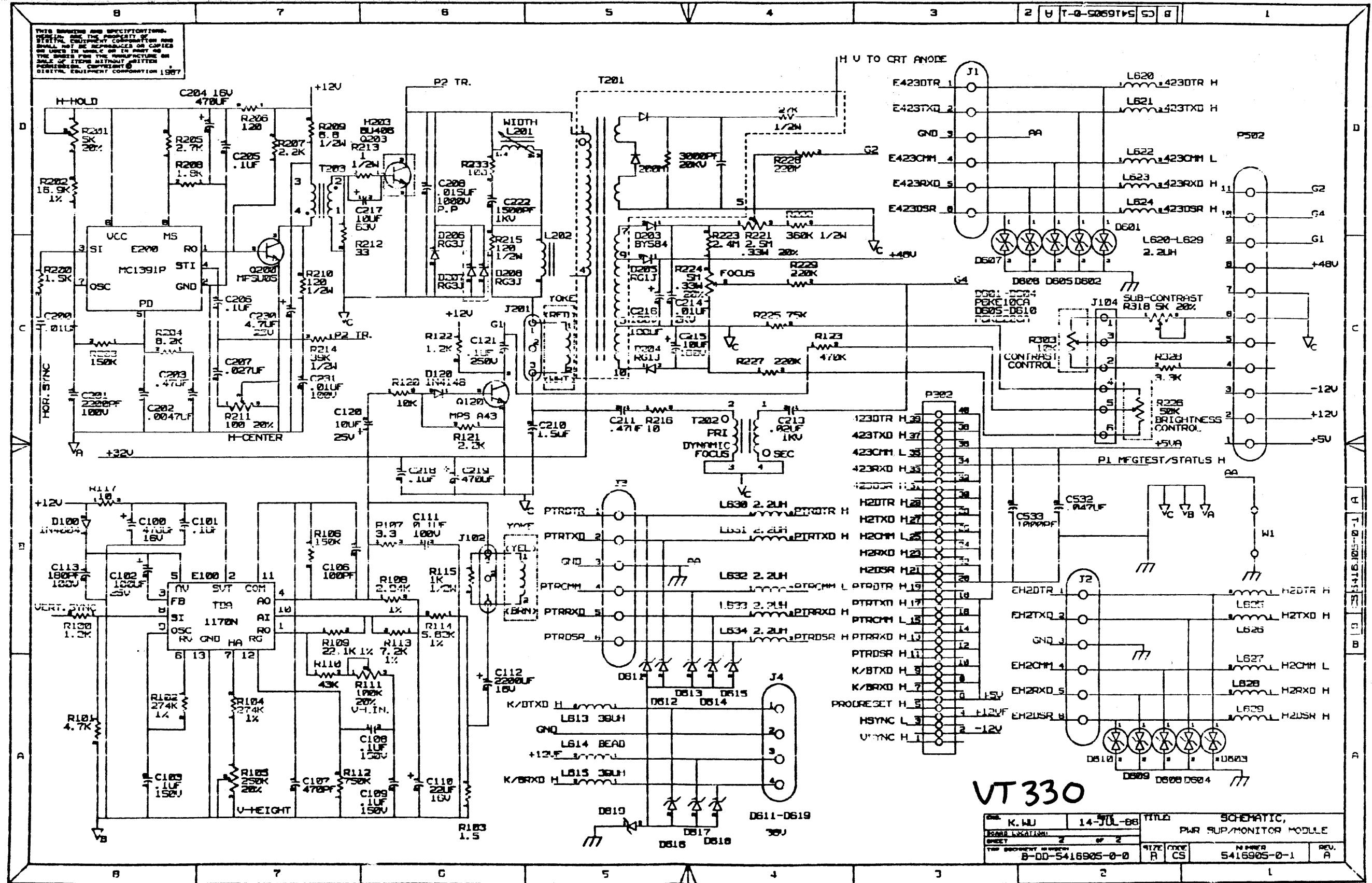
1 GEN: ITEM 153 15-26861-01 CAN BE SUBSTITUTED BY 15-27597-01 2SC3460.

D I G I T A L				TITLE		SIZE		CODE		DOCUMENT NUMBER		REV			
D	I	G	I	E	T	A	L	I		POWER SUPPLY/MONITOR MODULE	SECTION A OF A	K	PL	5416905-0-DBP	A



UT 330





VT330

A	REV	NUMBER	5416909-0-0	CODE	DD	B
						SIZE

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1987

REVISION HISTORY		
DATE	ECO NO.	REV.
FEB '87	RELEASED	A

DRN.	F. LIU	DATE 5-MAY-86	TITLE DWG DIR, CPU MODULE
CHK'D	B. CHEN	DATE 5-MAY-86	
DES. ENG.	H. C. HONG	DATE 5-MAY-86	DOCUMENT NUMBER
RESP. ENG.	S. W. CHENG	DATE 5-MAY-86	SIZE CODE NUMBER REV. B DD 5416909-0-0 A
MFG. ENG.	<i>Yan Chiu-nan</i>	DATE 3 March 87	SHEET 1 OF 1

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P A R T S L I S T

SHEET A1 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	QTY	PER VAR/REV	REFERENCE DESIGNATORS
						01		
						A1		
1	1	B-DD-5016908-0-0	50-16908-01	J	CIRCUIT DRILL AND ETCH BOARD	1		
2	2		10-00009-00	33	PFU 100V +/- 5% 200PP	1		C52
3	3		10-00018-00	120	PFD 100V +/- 5% 200PP	5		C50,C51,C53-C55
4	4		10-01610-00	0.010MFD	50V +80/-20% Z5U C	33		C3,C6,C7,C9-C11,C13-C15, C18-C20,C22-C25,C29,C31-C46
5	5		10-10274-00	0.22 MFD	50V +80/-20% Z5U C	3		C16,C21,C28
6	6		10-10279-01	0.47 MFD	25V +/-20% Z5U C	3		C47-C49
7	7		10-12784-00	0.047MFD	50V +80/-20% Z5U C	1		C30
8	8		10-17472-00	10 MFD	35V +75/-10% ALU	2		C12,C17
9	9		10-20446-12	220 MFD	16V +50/-10% ALU	1		C26
10	10		10-22277-01	22 MFD	16V +50/-10% ALU	1		C27
11	11		10-26289-03	0.03 MFD	50V+100/-25% Z5U C	1		C56
12	12		11-00114-00	PIV= 25	I0=135 MA	3		D7,D8,D23
13	13		11-05796-00	PIV= 400	I0= 1.00A 1N4004 D0-41	6		D16-D21
14	14		11-10672-00	VZ= 3.6 5%	40 MW 1N747A	1		D22
15	15		11-24037-01	VZ= 36.0 5%	400 MW 1N974B D0-35	13		D1-D6,D9-D15
16	16		12-10929-02	FUSE PICO 1.0 A	125V AXIAL LEA	1		F1
17	17		12-19952-07	PCB HEADER 40PIN(2X20)	.100CC STR	1		J4
18	18	SEE NOTE 1	12-26580-01	PCB HEADER 48PIN		1		J5
19	19		12-26589-01	PCB HEADER 07PIN		1		J1
20	20		12-26963-01	CARD EDGE 60POS	.050CC 900	1		J3
21	21		13-00229-00	100.0	.25 W 5.0 %	CF	7	R14,R19,R20,R27,R31-R33
22	22		13-00247-00	120.0	.25 W 5.0 %	CF	1	R5
23	23		13-00295-00	330.0	.25 W 5.0 %	CF	4	R1-R3,R40
24	24		13-00365-00	1.0 K	.25 W 5.0 %	CF	2	R10,R25
25	25		13-00444-00	3.90 K	.25 W 5.0 %	CF	1	R13
26	26		13-00447-00	4.70 K	.25 W 5.0 %	CF	3	R4,R17,R24
27	27		13-00479-00	10.0 K	.25 W 5.0 %	CF	1	R9
28	28		13-01327-00	68.0 K	.25 W 5.0 %	CF	4	R12,R15,R21,R29
29	29		13-02379-00	75.0	.25 W 5.0 %	CF	4	R16,R22,R28,R30
30	30		13-05346-00	27.0 K	.25 W 5.0 %	CF	2	R7,R11
31	31		13-13349-00	33.0 K	.25 W 5.0 %	CF	6	R34-R39

REVISION HISTORY			KPL MODULE FORMAT	SECTION A OF A	DRN: F. LIU	D	I	G	I	T	A	L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 05-MAY-86							
--- INITIAL			A	[A] 01	[M]	CHK'D: B. CHEN	TITLE			PARTS LIST			
				[B]	[N]	DATE: 05-MAY-86	CPU MODULE						
				[C]	[P]	DES. ENG: HC HONG							
				[D]	[Q]	DATE: 05-MAY-86				DOCUMENT NUMBER			
				[E]	[R]					SIZE	CODE	NUMBER	REV
				[F]	[S]	RESP. ENG.: SW CHENG							
				[H]	[T]	DATE: 05-MAY-86	K	PL	5416909-0-DBP	A			
				[J]	[V]								
				[K]	[W]	MFG. ENG: G. CHRISTIANSEN	RELEASE	DATE	04-MAR-87				
				[L]	[Y]	DATE: 25-FEB-87	RELEASE	STATUS	RELEASED				
			BASIC PART NUMBER: 5416909			ASSEMBLY NUMBER: D-UA-5416909-0-0	TOP DOCUMENT NUMBER: B-DD-5416909-0-0			FILE NAME: GH434A.PLS			EDIT # 31

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LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					O1	A1
32	32	15-09525-00	2N 3906	PNP 310MW SI 40100 Y	1	Q1
33	33	15-10705-00	XA 05	NPN 500MW SI 60 50 P	1	Q2
34	34	16-18238-02	BEAD,FERRITE .1380DX,330LG		14	L1-L7,L10,L11,L16-L20
35	35	16-20182-03	5.6 UH 10% 565MA		5	L8,L9,L13-L15
36	36	18-11660-45	OSCILLATOR, XTAL 12.00 MHZ		1	Y1
37	37	19-12646-00	LS253 MUX 1 OF 4 (DUAL)		4	E24,E25,E32,E33
38	38	19-12803-00	LS04 INVERTER GATE,HEX		1	E21
39	39	19-12810-00	LS20 NAND GATE-DUAL 4IN		1	E18
40	40	19-12816-00	LS32 OR GATE-QUAD 2IN,POS		1	E23
41	41	19-12824-00	LS74 FF-D DUAL,EDGE TRIGG		1	E8
42	42	19-15019-00	74S38 NAND BUFFER-QUAD 2IN		1	E14
43	43	19-15218-00	LS245 TRANSCEIVER,BUS,OCTA		1	E16
44	44	19-15219-00	LS373 FF-D OCTAL-TRANSPARE		4	E17,E26,E28,E29
45	45	19-15415-00	9636 DRIVER,DUAL,EIA RS-4		2	E4,E5
46	46	19-20572-01	74F244 BUFFER/LINE DRIVER,0		2	E19,E27
47	47	19-21314-01	74F74 FF-D,DUAL,POS.,EDGE		1	E9
48	48	19-23889-01	EIA OCTAL LINE DRIVE		1	E2
49	49	19-23890-01	EIA OCTAL LINE RECEI		2	E1,E3
50	50	19-27277-01	74ALS74 FLIP FLOP,DUAL D-TYP		1	E7
51	51	19-27862-01	74ALS02 DIP,14PIN QUAD 2-INP		1	E10
52	52	21-20068-01	2681 REC./TRANS.,ASYNC.,D		1	E11
53	53	21-20115-01	8031C MICROPROCESSOR W/O P		2	E12,E22
54	54	21-24412-02	RAM,64KX4,DYNAMIC 15		2	E30,E31
55	55	21-26375-01	ASYNCHRONBUS COMMUNI		1	E6
56	56	23-1N2 -00	N2-01		1	E13
57	57	23-168K5-00	K5-03 PAL		1	E15
58	58	23-335J5-00	J5-03 PAL OCTAL AND		1	E20
59	59	B-AD-7024320-0-DBU	CONN/BAFFLE ASSY		1	J2
60	60	D-IA-7432559-0-DBU	BRKT,GROUND		1	
61	61	B-MD-7434244-0-DBU	INSULATOR		1	
62	62	C-IA-7434794-0-DBU	BRACKET,CARTRIDGE		1	
63	63	B-MD-7435395-0-DBU	SPACER		1	
64	64	90-09800-10	SCREW,THD RL,PAN PHIL F/PLAS		2	
65	65	90-09185-00	JUMPER, WIRE, INSULATED, BLACK B		1	W1

1 GEN: ITEM 18 12-26580-01 CAN BE SUBSTITUTED BY 12-26580-02 48 PIN PCB HEADER.

D	I	G	I	T	A	L	TITLE	CPU MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5416909-0-DBP	A

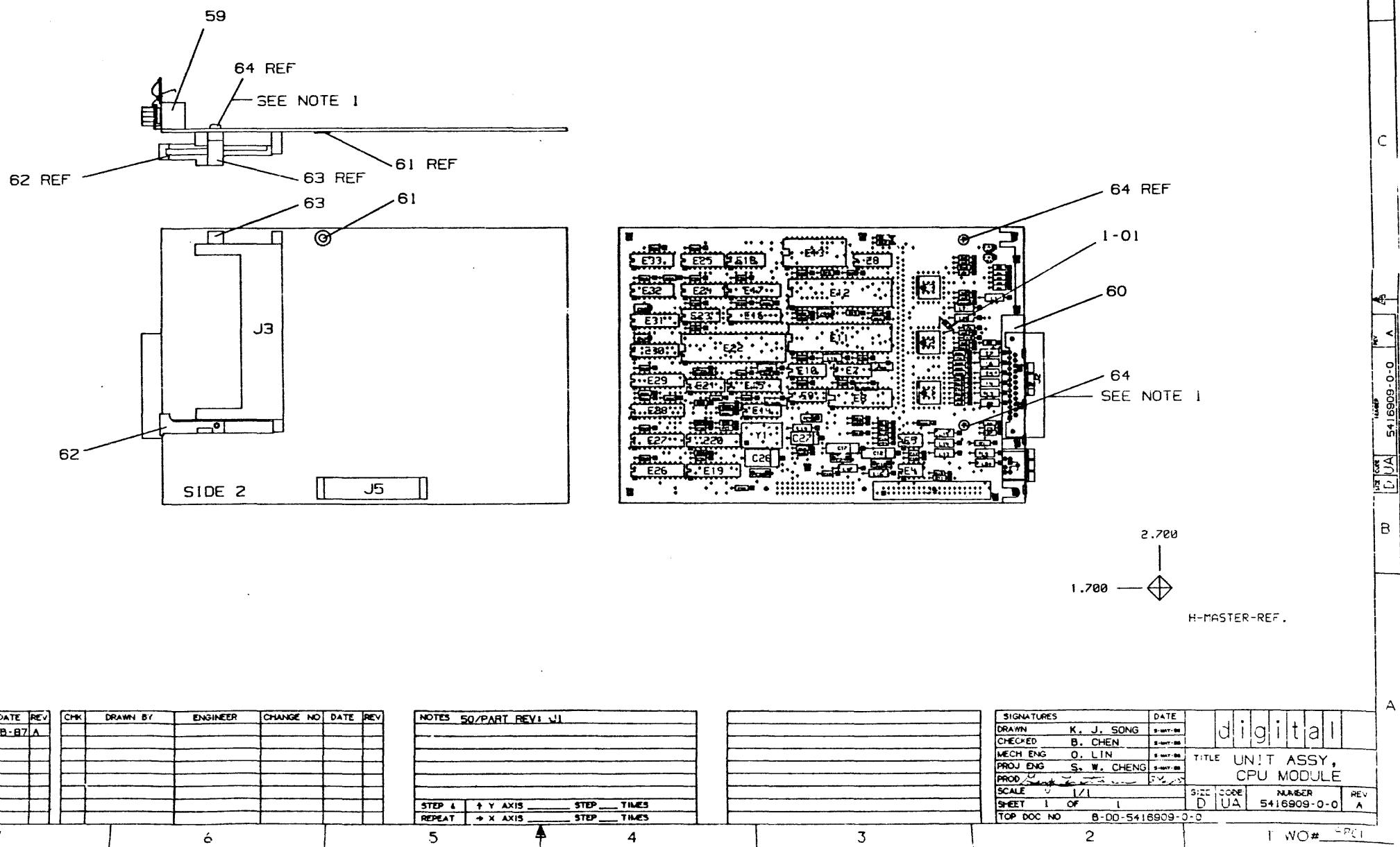
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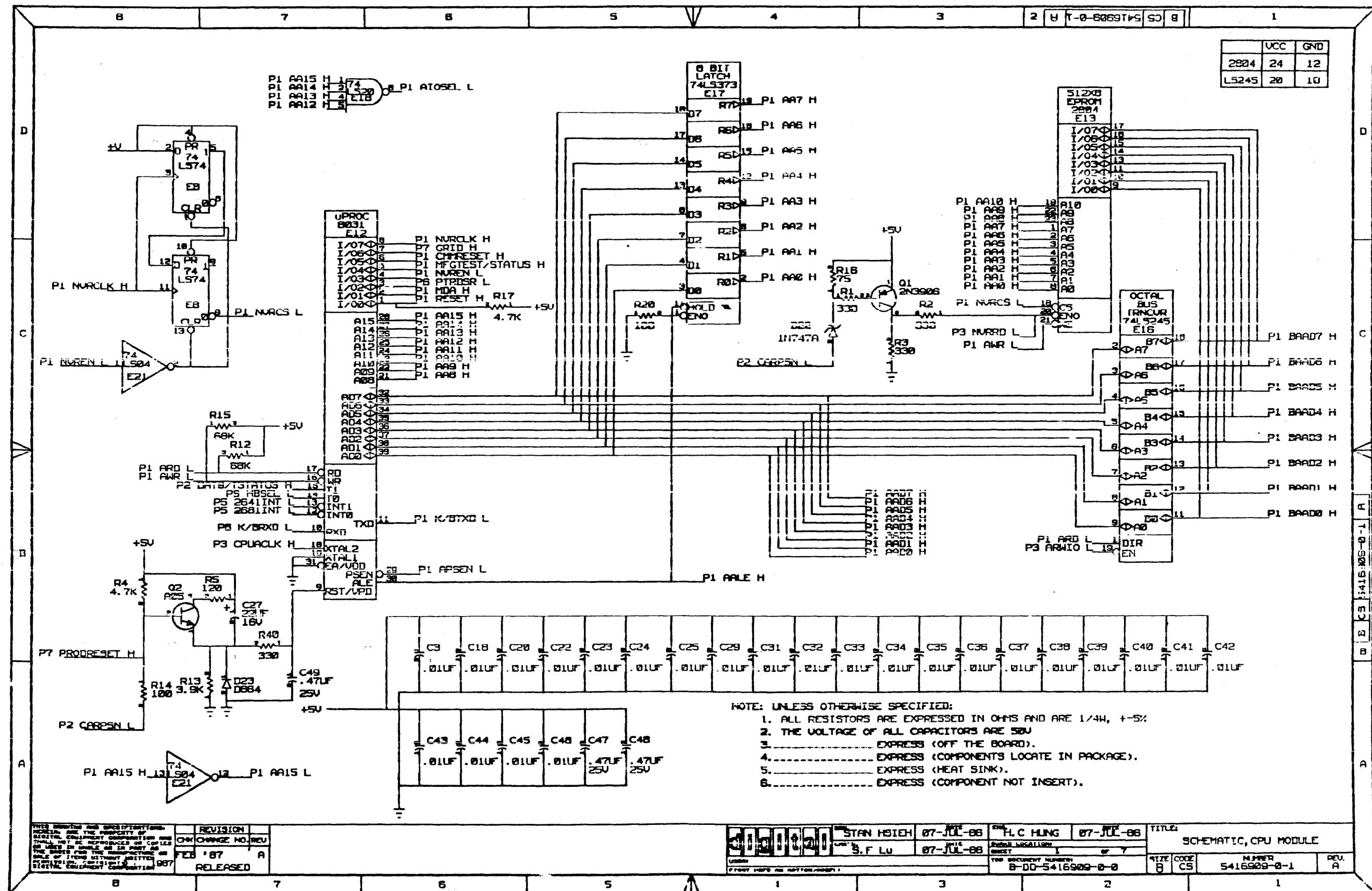
Rework Instructions:

COMPONENT ADDS SIDE ONE (AS SHOWN).
1-01. ADD W1 PN 90-09185-00
 W1 PIN 1 TO E2 PIN 18
 W1 PIN 2 TO E2 PIN 19.

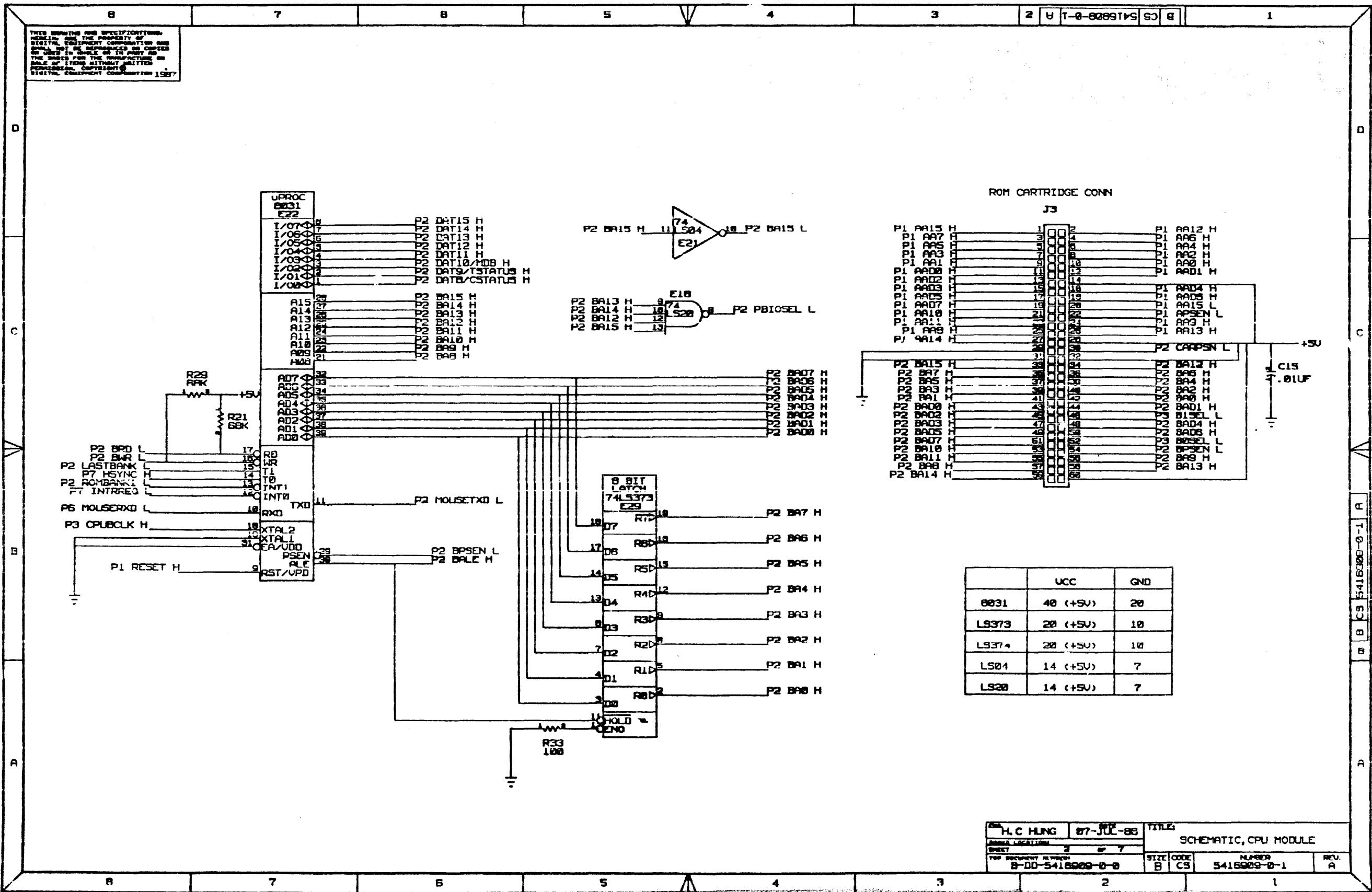
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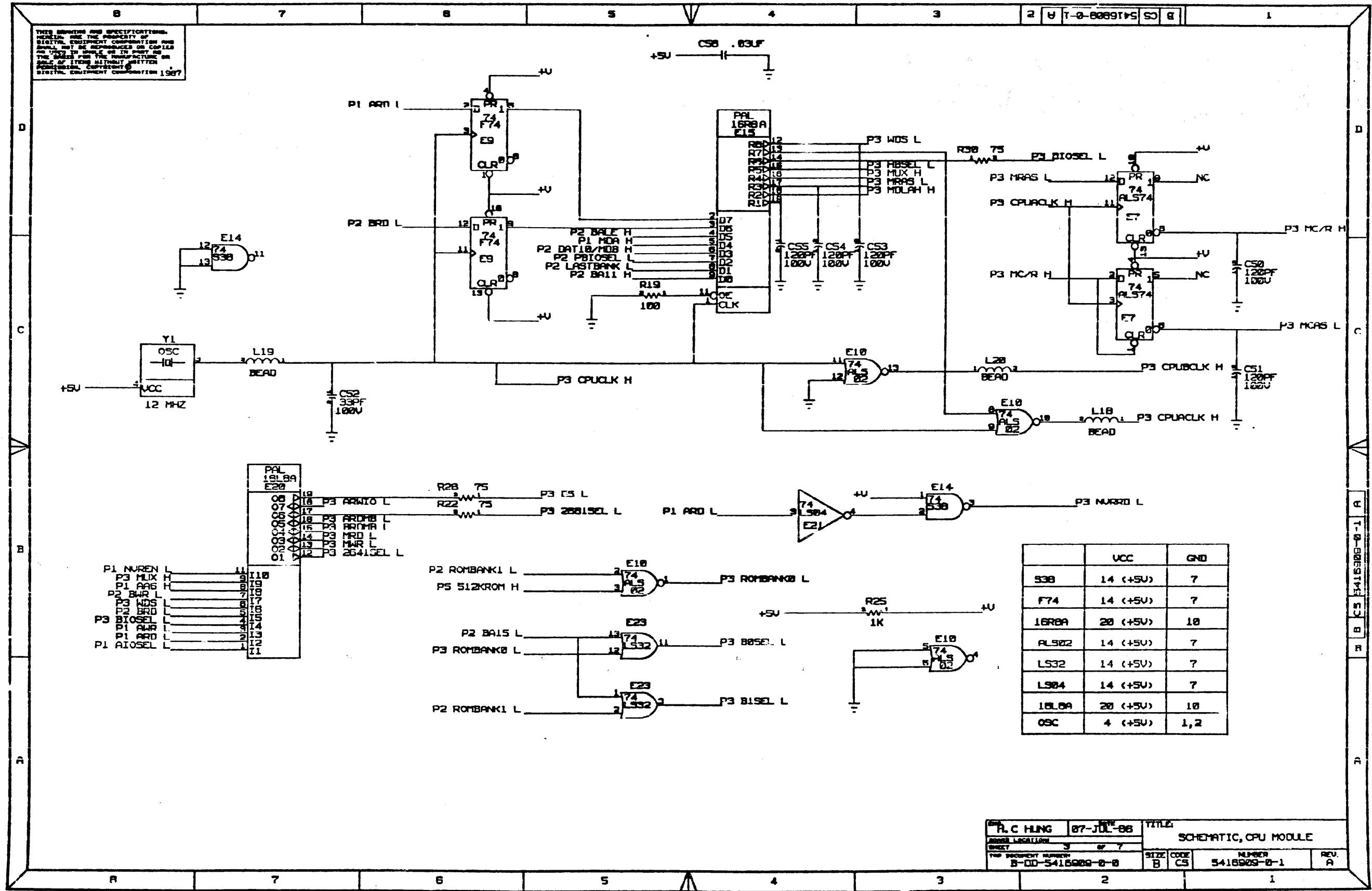
1. TORQUE REQUIREMENTS
4-6 IN-LBS FOR ITEM 64.
 2. R8 IS NOT INSERTED.
 3. C56 MOUNTED BENEATH E15.



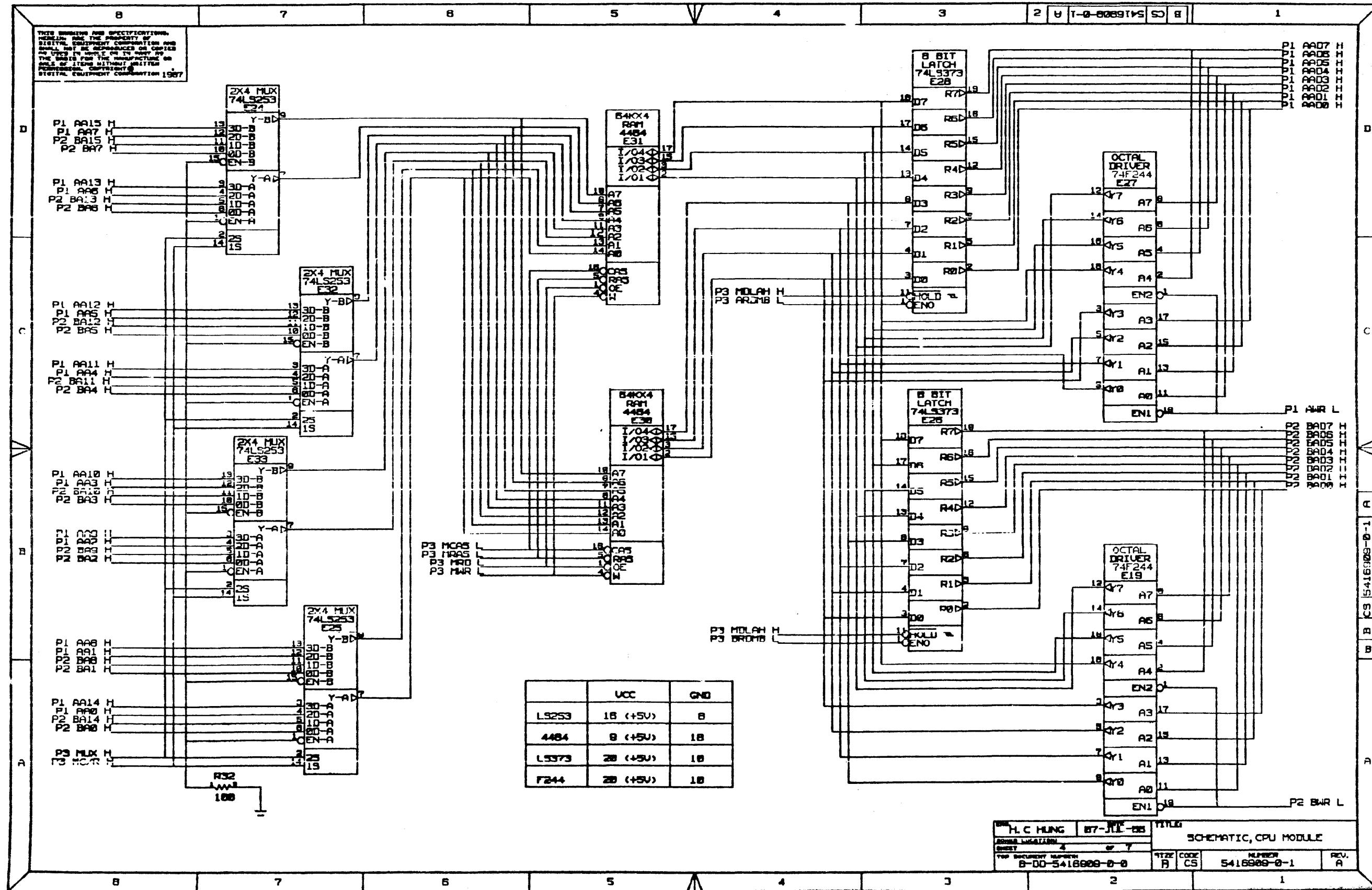


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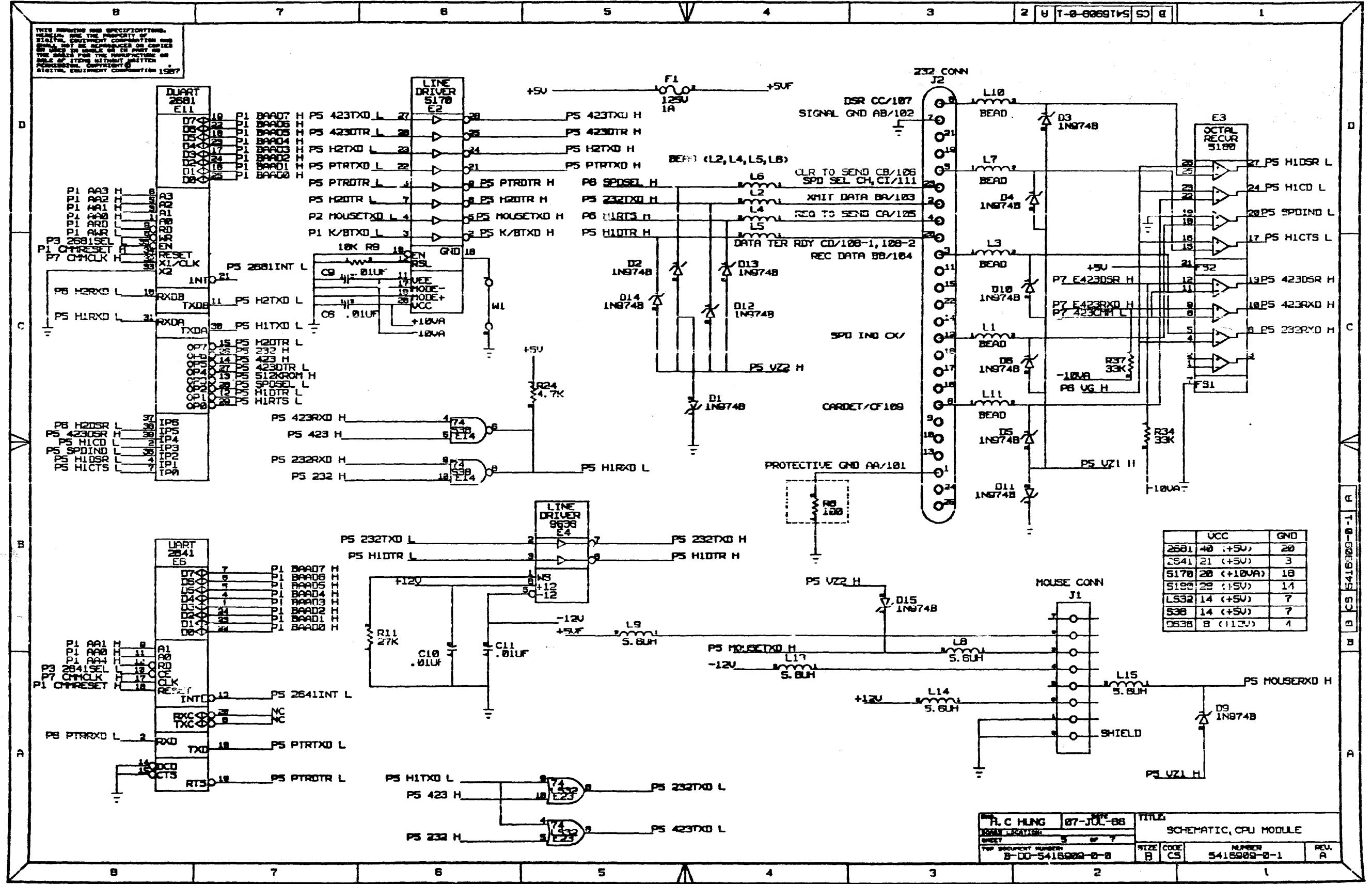




BPOI



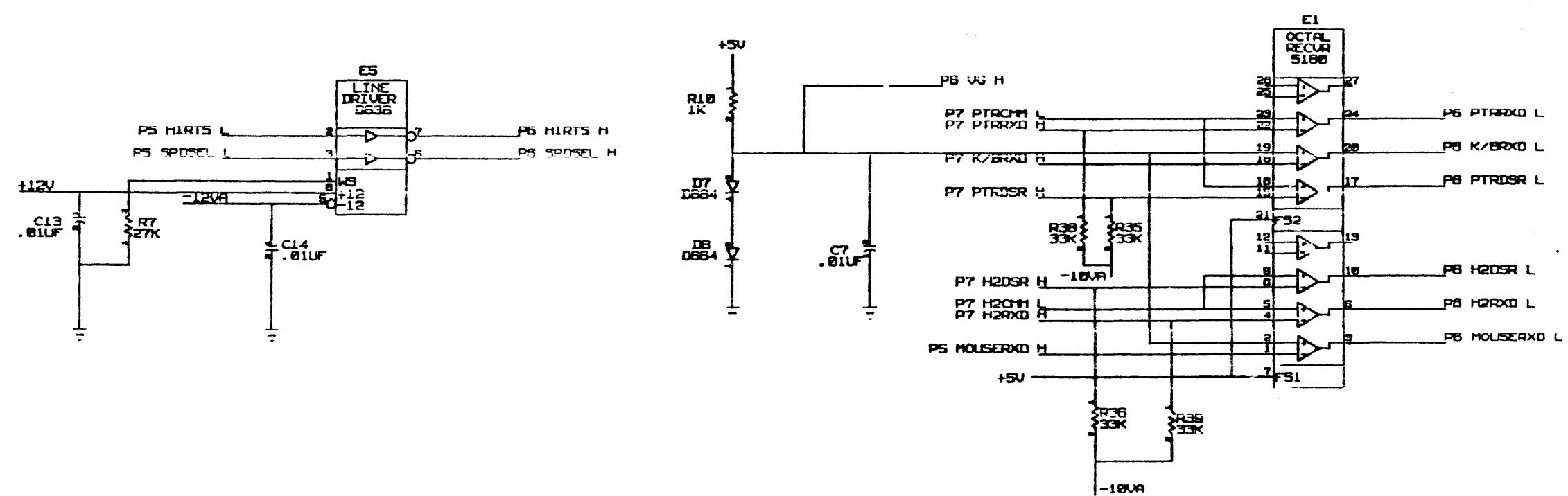
BPO1



BPOI

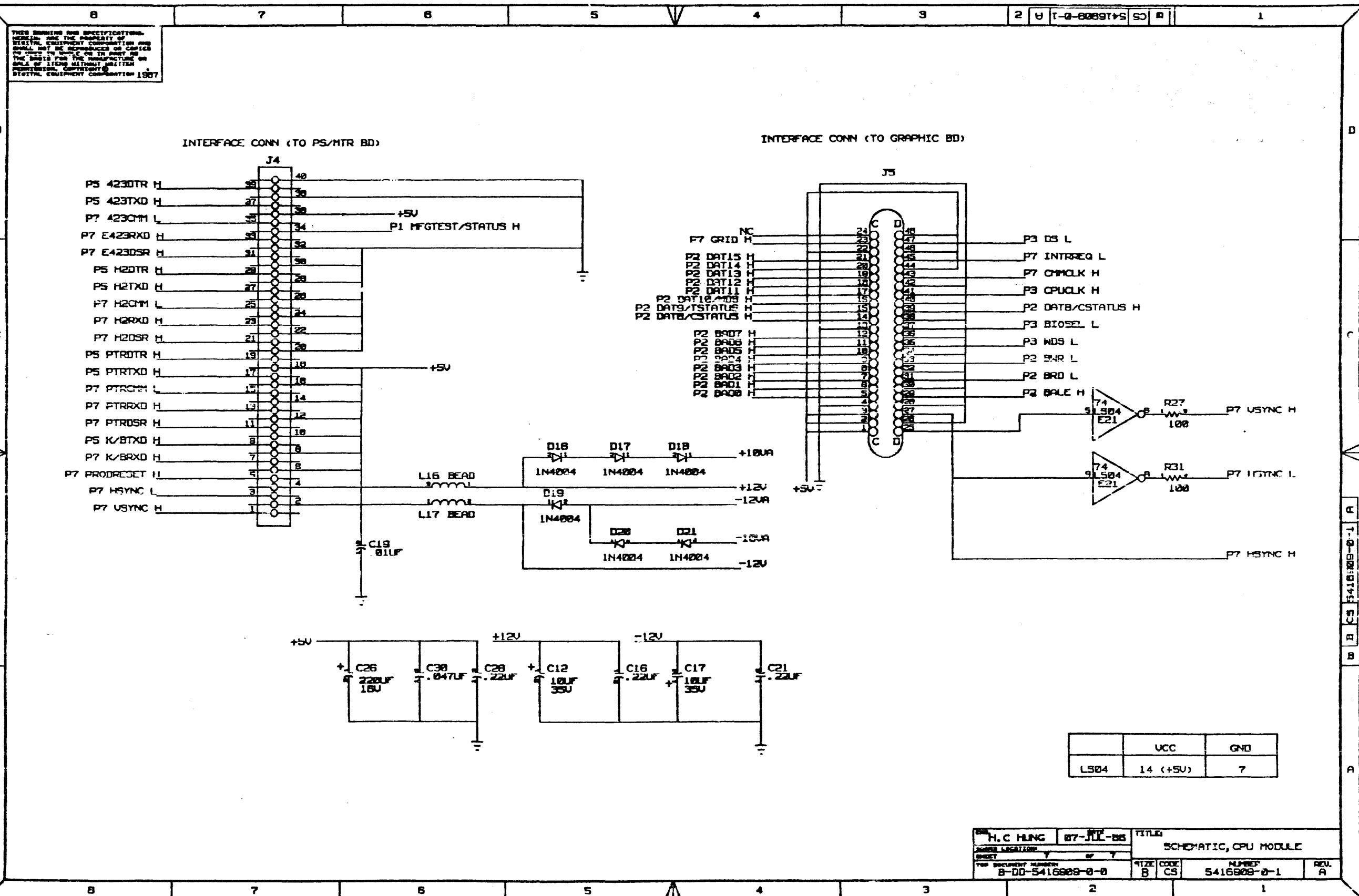
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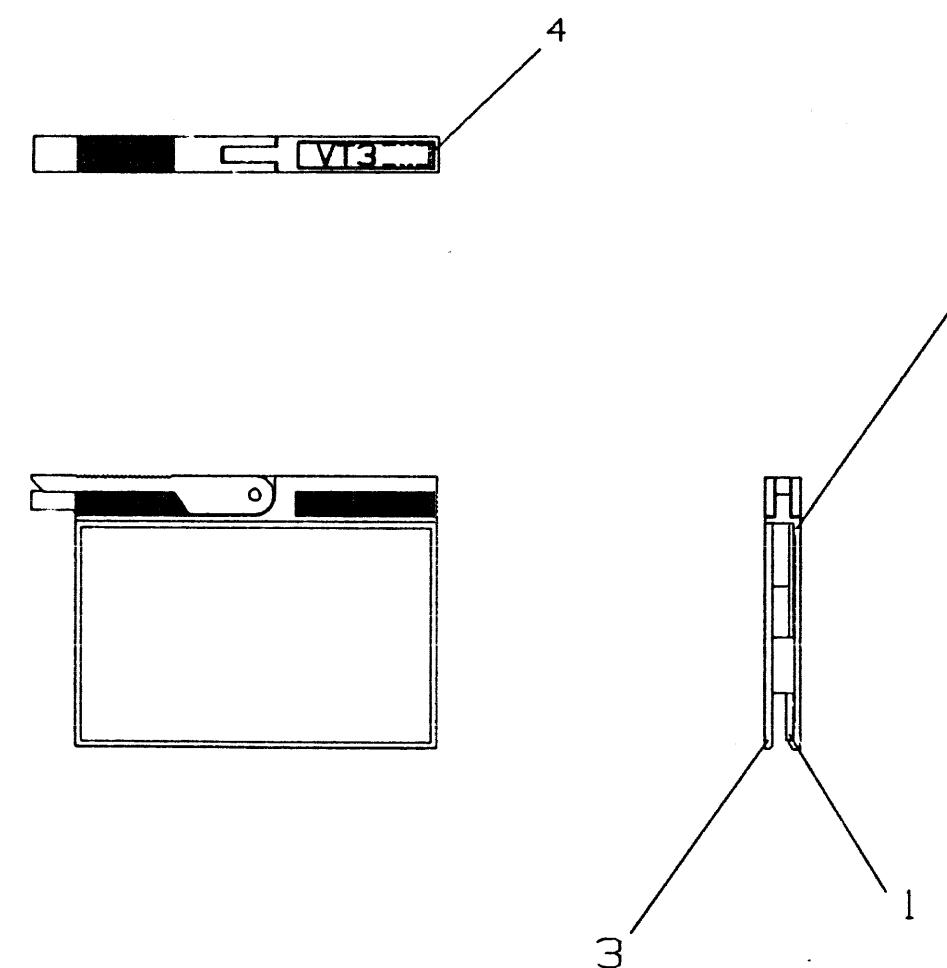
	VCC	GND
5180	28 (+5V)	14
9836	8 (+12V)	4



H. C HUNG		07-JUL-68	TITLE		SCHEMATIC, CPU MODULE		
DRAWN BY			SHEET				
DESIGN LOCATION			5 OF 7				
TOP DOCUMENT REFERENCE			SIZE	CODE	NUMBER		
B-DO-5416909-0-0			A	CS	5416909-0-1		

BPOI



4	3	2	1																																																																						
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	PART NO	REV.	DESCRIPTION																																																																						
7022623-04	A01	AS SHOWN																																																																							
			<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> NOTES: <p>1. ASSEMBLING PROCEDURE: ATTACH ITEM 2 AND ITEM 3 USING CHLOROFORM TO DISSOLVE AT JOINT.</p> </div> <div style="text-align: center; margin-top: 10px;"> CAUTION : OFF SHEET PARTS LIST EXISTS. SEE K-PL-7022623-0-DBP (GH307A.PLS) </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> DESCRIPTION DRAWING NO. PART NO. ITEM NO. <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)</small> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">INCHES TOLERANCES</th> <th rowspan="2">ANGLES TO 90°</th> <th rowspan="2">APPLICABLE DIMENSION RANGE</th> <th colspan="6">DIMENSIONS RANGE IN INCHES</th> </tr> <tr> <th>OVER .0 TO .1</th> <th>OVER .2 TO .2</th> <th>OVER .4 TO .4</th> <th>OVER .7 TO .7</th> <th>OVER 1.0 TO 1.0</th> <th>OVER 1.2 TO 1.2</th> <th>OVER 4.0 TO 4.0</th> <th>OVER 12.0 TO 12.0</th> </tr> </thead> <tbody> <tr> <td>X1: ±.1 XX1: ±.02 XXX: ±.005</td> <td>SURFACE QUALITY</td> <td>✓</td> <td>.02</td> <td>.03</td> <td>.05</td> <td>.10</td> <td></td> <td></td> </tr> <tr> <td></td> <td>MICROINCHES</td> <td>✓</td> <td>.004</td> <td>.008</td> <td>.012</td> <td>.048</td> <td>.024</td> <td>.04</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2">QUANTITY & VARIATION</td> <td rowspan="2">THIRD ANGLE PROJECTION</td> <td rowspan="2">DATE</td> <td colspan="2" rowspan="2">TITLE</td> </tr> <tr> <td>J.N. LIN</td> <td>30-APR-86</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">digital</td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2">DO NOT SCALE DRAWING</td> <td rowspan="2">DATE</td> <td colspan="2" rowspan="2">TITLE</td> </tr> <tr> <td>I. LIN</td> <td>05-JAN-87</td> </tr> <tr> <td>REMOVE BURRS AND BREAK SHARP CORNERS</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>RESP END</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>MANUFACT</td> <td>-/-</td> <td colspan="2"></td> </tr> <tr> <td>FINISH</td> <td>-/-</td> <td colspan="2"></td> </tr> </table> <div style="margin-top: 10px;"> DOCUMENT NUMBER SIZE CODE: C NUMBER: 7022623-0-DBU REV: A </div> </div>	INCHES TOLERANCES	ANGLES TO 90°	APPLICABLE DIMENSION RANGE	DIMENSIONS RANGE IN INCHES						OVER .0 TO .1	OVER .2 TO .2	OVER .4 TO .4	OVER .7 TO .7	OVER 1.0 TO 1.0	OVER 1.2 TO 1.2	OVER 4.0 TO 4.0	OVER 12.0 TO 12.0	X1: ±.1 XX1: ±.02 XXX: ±.005	SURFACE QUALITY	✓	.02	.03	.05	.10				MICROINCHES	✓	.004	.008	.012	.048	.024	.04	QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DATE	TITLE		J.N. LIN	30-APR-86				digital			DO NOT SCALE DRAWING	DATE	TITLE		I. LIN	05-JAN-87	REMOVE BURRS AND BREAK SHARP CORNERS				RESP END				MANUFACT	-/-			FINISH	-/-		
INCHES TOLERANCES	ANGLES TO 90°	APPLICABLE DIMENSION RANGE	DIMENSIONS RANGE IN INCHES																																																																						
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AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A1 OF A1

QUANTITY PER VARIATION/REVISION

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY
1	1 B-DD-5416967-0-0	54-16967-02	A	VT330/VT340 ROM CARTRIDGE MODULE	
2	2 C-IA-7023975-0-DBU	70-23975-01	A	CARTRIDGE BOTTOM/HANDLE ASSY	
3	3 C-MD-7432558-0-DBU	74-32558-01	A	COVER, CARTRIDGE	
4		36-26789-04		LABEL, ROM CARTRIDGE VT330/340	

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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS													
				REV.	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	
		54-16903-01	BITMAP MODULE	A1													
D-UA-5416903-0-0	1		UNIT ASSY	A													
B-CS-5416903-0-1	7		SCHEMATIC	A													
K-PL-5416903-0-DBP	2		PARTS LIST	A													
K-PC-5416903-0-DBV	1		P.C. DESIGN DATA BASE	A													
K-CS-5416903-0-DBX	1		VALID DATA BASE	A													
		50-16902-01	ETCH CIRCUIT BOARD	L1													
B-DD-5016902-0-0	1		DRAWING DIRECTORY	A													
NOTES:																	
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				DRN.	F. LIU	DATE	S-MAY-86							TITLE	DWG DIR, BITMAP MODULE		
				CHK'D	B. CHEN	DATE	S-MAY-86								DOCUMENT NUMBER		
				DES. ENG.	H. C. HONG	DATE	S-MAY-86								NUMBER		
				RESP. ENG.	S. W. CHENG	DATE	S-MAY-86								5416903-0-0		
				MFG. ENG.		DATE									REV.		
				<i>Sam Chiu-tsun Chen</i>		DATE									A		
				3 March 87											SHEET 1 OF 1		

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1987

d i g i t a l

DRN.	F. LIU	DATE 5-MAY-86	TITLE DWG DIR, BITMAP MODULE			
CHK'D	B. CHEN	DATE 5-MAY-86				
DES. ENG.	H. C. HONG	DATE 5-MAY-86	DOCUMENT NUMBER			
RESP. ENG.	S. W. CHENG	DATE 5-MAY-86	SIZE B	CODE DD	NUMBER 5416903-0-0	REV A
MFG. ENG.	<i>Sam</i>	DATE <i>3 March 87</i>			SHEET 1 OF	1

AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A1 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
						01	A1	
1	1	B-00-5016902-0-0	50-16902-01	L	CIRCUIT DRILL AND ETCH BOARD	1		
2	2		10-00010-00	39	PFD 100V +/- 5% 200PP	1		C8
3	3		10-00020-00	180	PFD 100V +/- 5% 200PP	1		C10
4	4		10-01610-00	0.010MFD	50V +80/-20% Z5U C	29		C1,C4-C7,C9,C13,C15-C26,C31,C32,C38-C43,C48,C49
5	5		10-02608-00	18	PFD 100V +/- 5% 200PP	1		CONT C2
6	6		10-10274-00	0.22 MFD	50V +80/-20% Z5U C	1		C11
7	7		10-10279-01	0.47 MFD	25V +/-20% Z5U C	12		C27-C30,C33-C36,C44-C47
8	8		10-13466-23	22	PFD 50V +/- 5% NPO C	4		C12,C66-C68
9	9		10-13466-24	47	PFD 50V +/- 5% NPO C	1		C37
10	10		10-20446-11	470	MFD 6.3V +50/-10% ALU	1		C3
11	11		10-26289-01	0.02 MFD	50V+100/-25% Z5U C	3		C62-C64
12	12		10-26289-02	0.03 MFD	50V+100/-25% Z5U C	4		C57-C60
13	13		10-26289-03	0.03 MFD	50V+100/-25% Z5U C	1		C65
14	14		12-15006-07	SKT,IC	28PIN DIP TIN SOLD	1		XE19
15	15		12-15323-05	PCB HEADER	03PIN(1X03).100CC STR	1		J1
16	16		12-22063-05	SHIELD,EMI/RFI FINGERS		1		
17	17	SEE NOTE 1	12-26581-01	PCB HEADER	48PIN(3X16), 90D	1		J2
18	18		12-27817-01	PAD,FOAM,ACOUSTIC ADH BK	POLYU	1		
19	19		12-27817-02	PAD,FOAM,ACOUSTIC ADH BK	POLYU	1		
20	20		13-00197-00	33.0	.25 W 5.0 %	CF	15	R6,R8-R10,R14-R17,R19,R21-R26
21	21		13-00202-00	47.0	.25 W 5.0 %	CF	1	R2
22	22		13-00229-00	100.0	.25 W 5.0 %	CF	7	R3-R5,R11,R18,R20,R27
23	23		13-00365-00	1.0 K	.25 W 5.0 %	CF	1	R13
24	24		13-00447-00	4.70 K	.25 W 5.0 %	CF	2	R7,R12
25	25		16-18238-02	BEAD,FERRITE	.1380DX.330LG	6		L1,L3,L4,L6-L8
26	26		18-11660-75	OSCILLATOR,XTAL	32.3174 MHZ	1		Y1
27	27		19-10545-00	74S112	FF-JK DUAL,EDGE TRIG	1		E12
28	28		19-12096-00	DEC 74S86	XOR GATE,QUAD 2IN	1		E13
29	29		19-14214-00	LS374	FF-D OCTAL EDGE TRIG	1		E7
30	30		19-15219-00	LS373	FF-D OCTAL-TRANSPARE	1		E17
31	31		19-21010-01	74F373	OCTAL TRANSPARENT LA	4		E25,E26,E33,E34

REVISION HISTORY			KPL MODULE FORMAT	SECTION A OF A	DRN: F. LIU	D I G I T A L
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 05-MAY-86	
---	INITIAL	A	[A]	01 [M]	CHK'D: B. CHEN	TITLE PARTS LIST
			[B]	[N]	DATE: 05-MAY-86	BITMAP MODULE
			[C]	[P]	DES. ENG: HC HONG	DOCUMENT NUMBER
			[D]	[Q]	DATE: 05-MAY-86	SIZE CODE NUMBER REV
			[E]	[R]	RESP. ENG.: SW CHENG	
			[F]	[S]	DATE: 05-MAY-86	K PL 5416903-0-DBP A
			[H]	[T]	MFG. ENG: G. CHRISTIANSEN	RELEASE DATE: 04-MAR-87
			[J]	[V]	DATE: 25-FEB-87	RELEASE STATUS: RELEASED
			[K]	[W]		
			[L]	[Y]		
BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:
5416903			D-UA-5416903-0-0		B-DD-5416903-0-0	GH431A.PLS
						EDIT # 40

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P A R T S L I S T

SHEET A2 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
					MIN	A1	
32	32	19-21308-01		74F08 AND GATE, QUAD, 2-IN	1		E6
33	33	19-21312-01		74F32 OR GATE, QUAD, 2-IN	2		E31, E39
34	34	19-21323-01		74F174 FF-D, HEX	4		E2, E5, E9, E10
35	35	19-21324-01		74F175 FF-D, QUAD	1		E8
36	36	19-21327-01		74F194 SHIFT REG, UNIV, BIDIR	2		E3, E4
37	37	19-21329-01		74F253 MUX, DUAL, 4-IN	1		E1
38	38	19-23441-02		74ALS374 FLIP-FLOP, EDGE TRIGG	1		E15
39	39	19-26323-01		74ALS00 ADV LO-PWR SCHOTTKY,	1		E16
40	40	21-21552-05	DC	322 VIPER, 68CRQD GULLWIN	2		E24, E32
41	41	21-21553-02	DC	323-CA ADDER II ZMOS	1		E14
42	42	21-24412-02		RAM, 64KX4, DYNAMIC 15	12		E20-E23, E27-E30, E35-E38
43	43	21-25643-01	DC7051	TIMING GENERATOR + C	1		E11
44	44	23-236E6-00	E6-02		UV	1	E19
45	45	23-336J5-00	J5-03	PAL OCTAL AND	1		E18
46	46	D-MD-7434526-0-DBU	74-34526-01	BASE, SHIELD	1		
47	47	D-MD-7434661-0-DBU	74-34661-01	COVER, SHIELD	1		U3
48	48	C-MD-7434861-0-DBU	74-34861-02	CLIP, GROUNDING	2		
49	49	90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	1		W2
50	50	90-10798-01		STANDOFF, SNAP TOP	1		

1 GEN: ITEM 17 12-26581-01 CAN BE SUBSTITUTED BY 12-26581-02 48 PIN RECEPTACLE.

TITLE						SECTION A OF A			SIZE CODE DOCUMENT NUMBER REV		
D	I	G	I	T	A	L			K	PL	
							BITMAP MODULE				5416903-0-DBP A

8	7	6	5	4	3	2	1
V DRAWN BY RELEASED FEB 87 A	5416903-0-0 DRAFT REV						
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<p>REWORK INSTRUCTIONS:</p> <p>COMPONENTS ADD SIDE ONE (AS SHOWN).</p> <p>1-01. ADDS C66 PN 10-13466-23 C66 PIN 1 TO E11 PIN 38 C66 PIN 2 TO E11 PIN 35.</p> <p>1-02. ADDS C67 PN 10-13466-23 C67 PIN 1 TO E11 PIN 54 C67 PIN 2 TO C13 PIN 1.</p> <p>1-03. ADDS C68 PN 10-13466-23 C68 PIN 1 TO E11 PIN 53 C68 PIN 2 TO C13 PIN 1.</p> <p>1-04. ADDS L8 PN 16-18238-02 L8 PIN 1 TO THE LOCATION OF R1 PIN 1 L8 PIN 2 TO THE LOCATION OF R1 PIN 2.</p> <p>COMPONENT RELOCATED SIDE ONE (AS SHOWN).</p> <p>1-05. CONNECT R2 PIN 1 TO E11 PIN 36 (LIFT R2 PIN 1) SURROUND R2 PIN 2 WITH TUBING PN 91-07256-11.</p> <p>1-06. CONNECT C12 PIN 1 TO E10 PIN 9 (LIFT C12 PIN 1).</p> <p>CUT ETCH REFER D-EC-5016902-0-0.</p>							
D							
C							
B							
A							

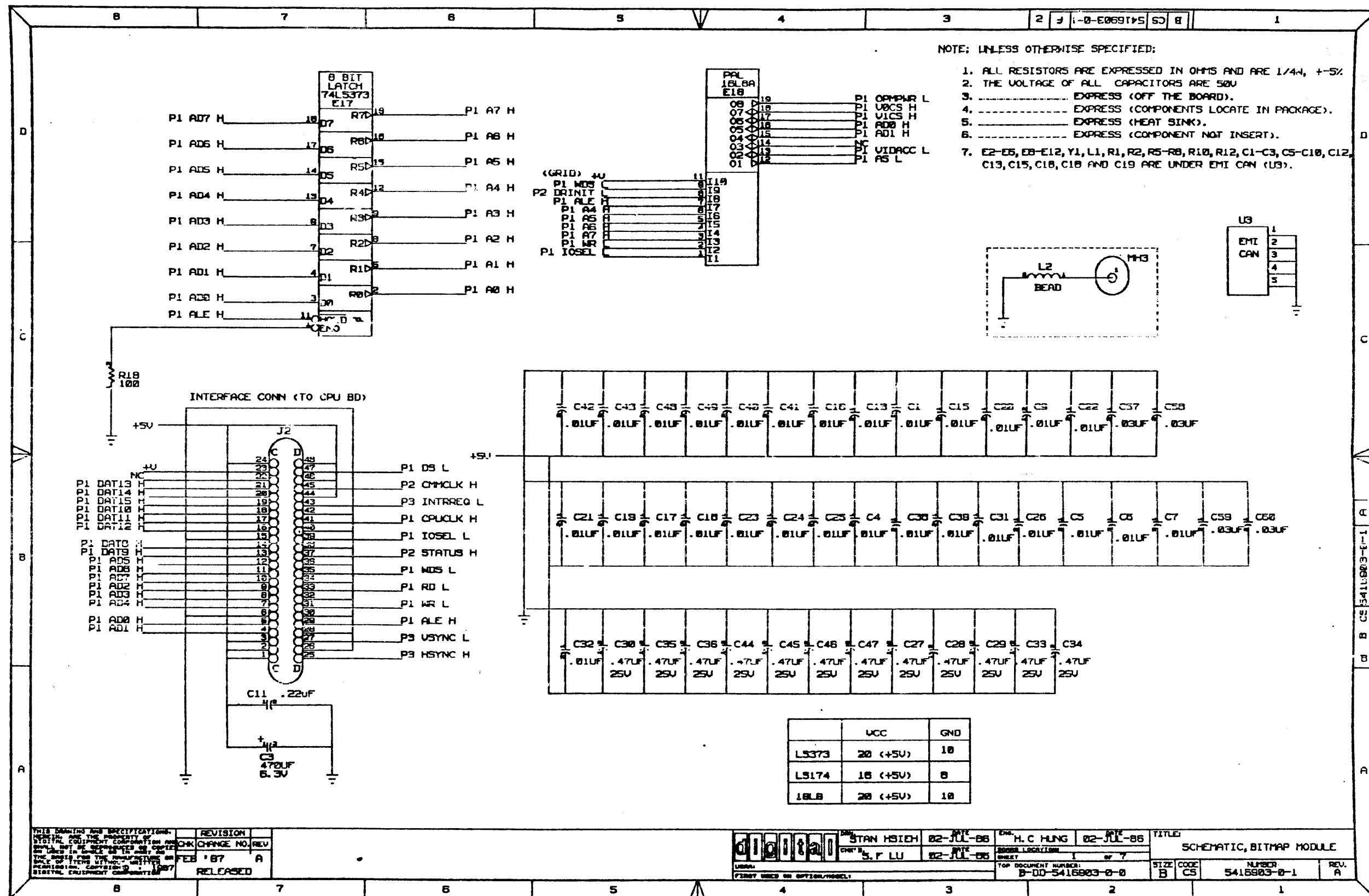
NOTES: 50/PART REV: L1

STEP A ↑ Y AXIS STEP TIMES
REPEAT → X AXIS STEP TIMES

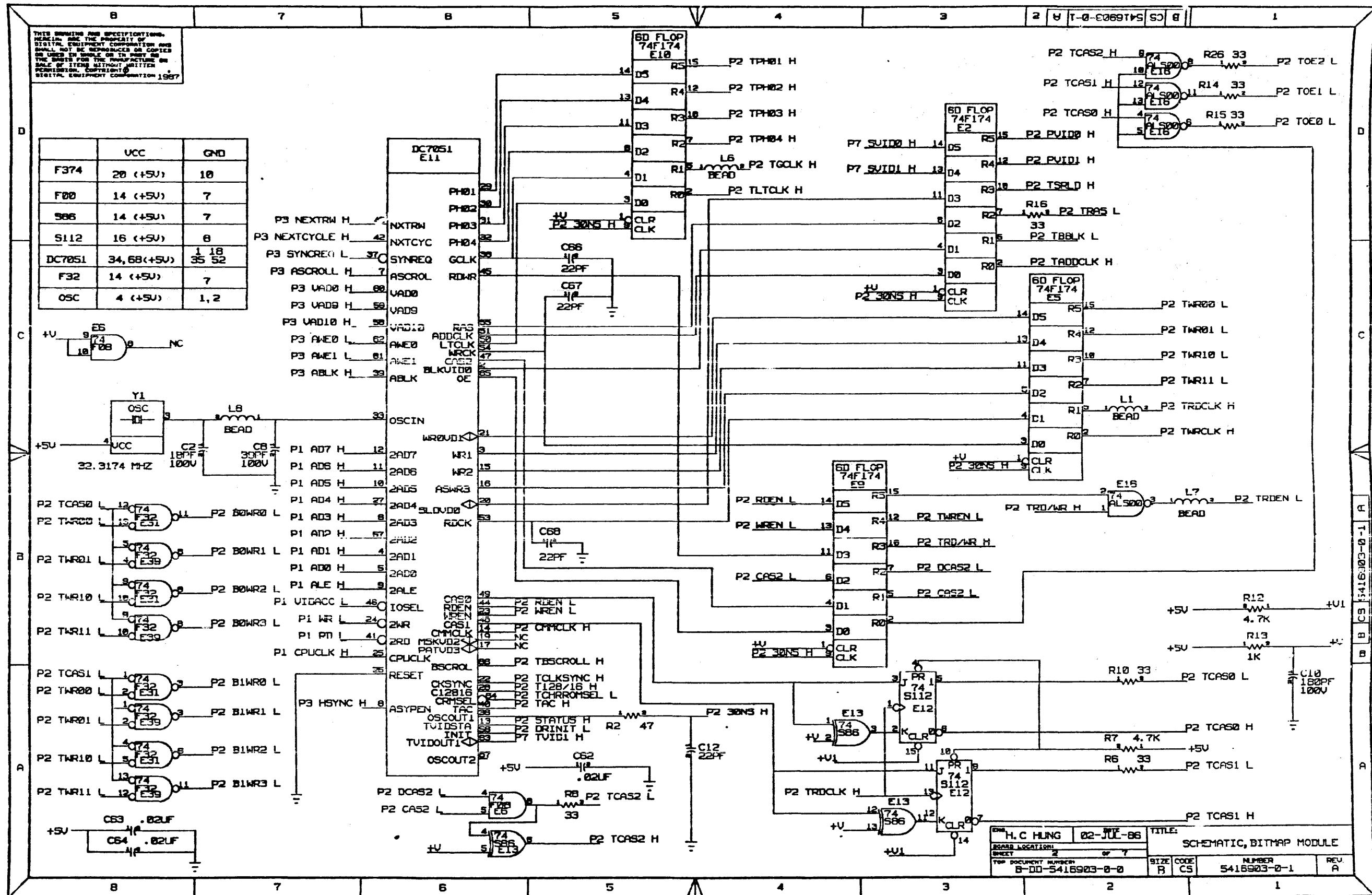
SIGNATURES DATE
DRAWN C. H. YU 3-MAY-87
CHECKED B. CHEN 3-MAY-87
MECH ENG O. LIN 3-MAY-87
PROJ ENG S. W. CHENG 3-MAY-87
PROD 3-MAY-87

SCALE 1/1
SHEET 1 OF 1
TOP DOC NO B-00-5416903-0-0

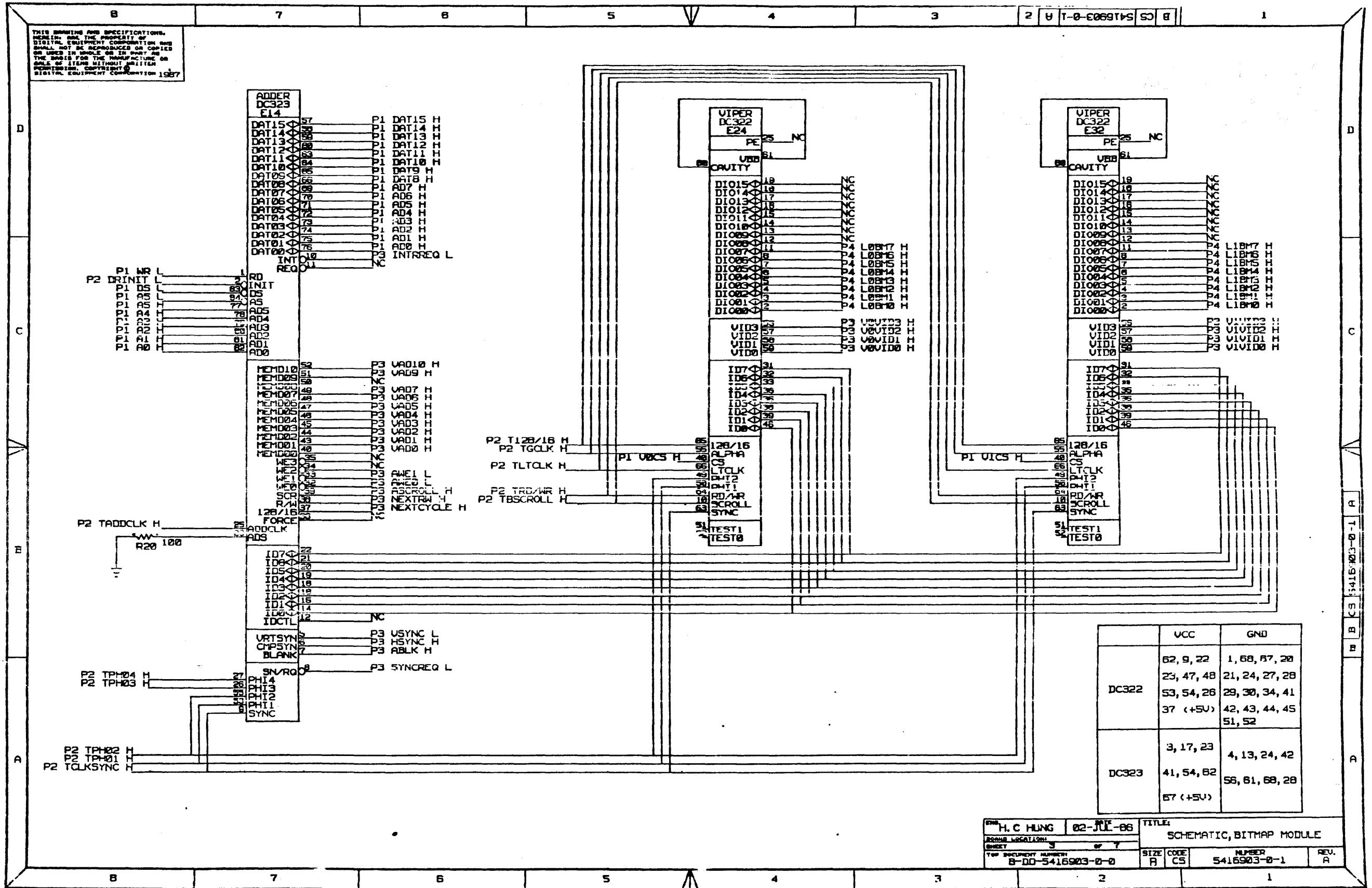
digit a! 5416903-0-0
TITLE UNIT ASSY,
BITMAP MODULE
SIZE CODE NUMBER REV
D JA 5416903-0-0 A



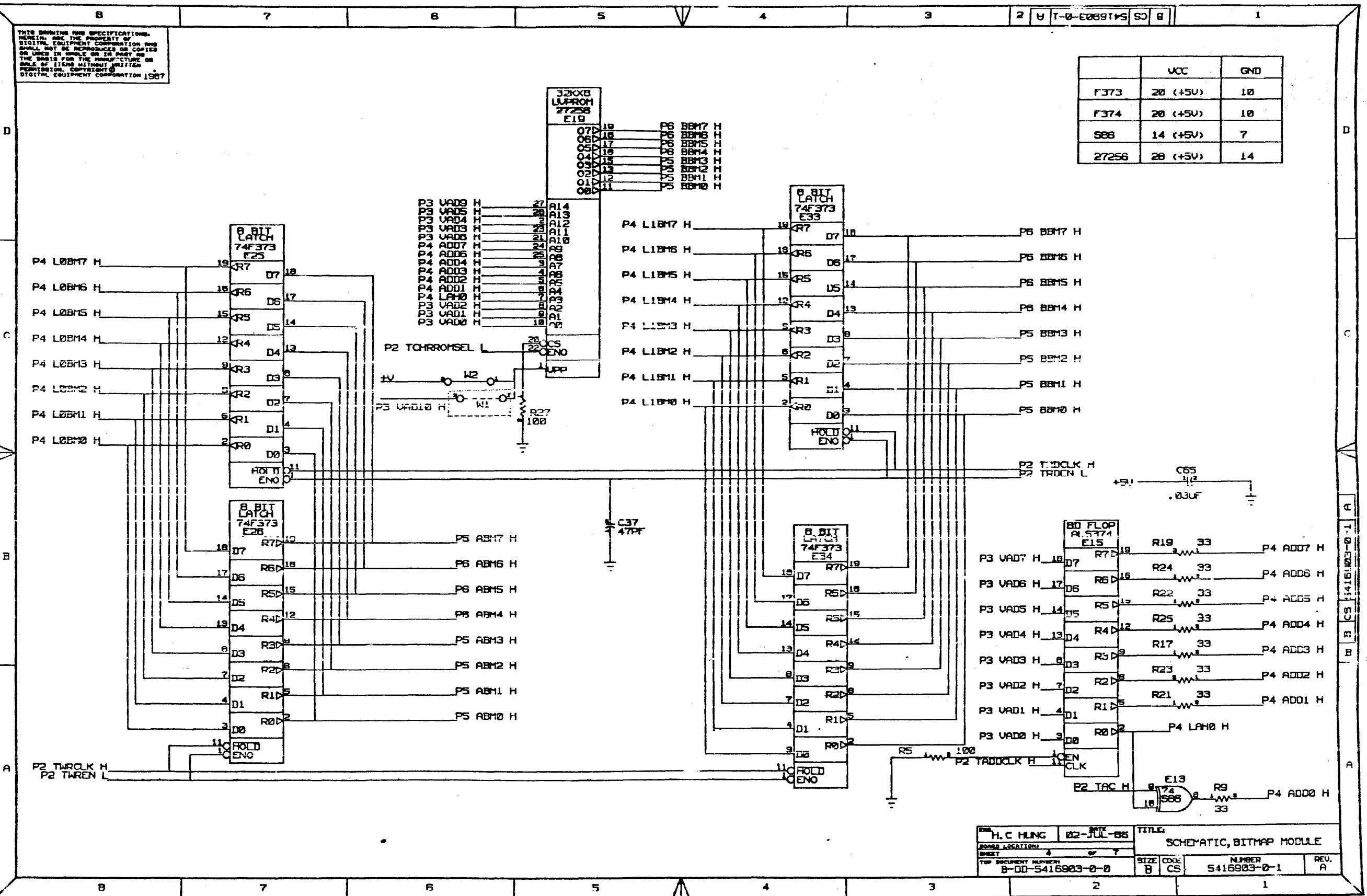
BPOI



BPQI

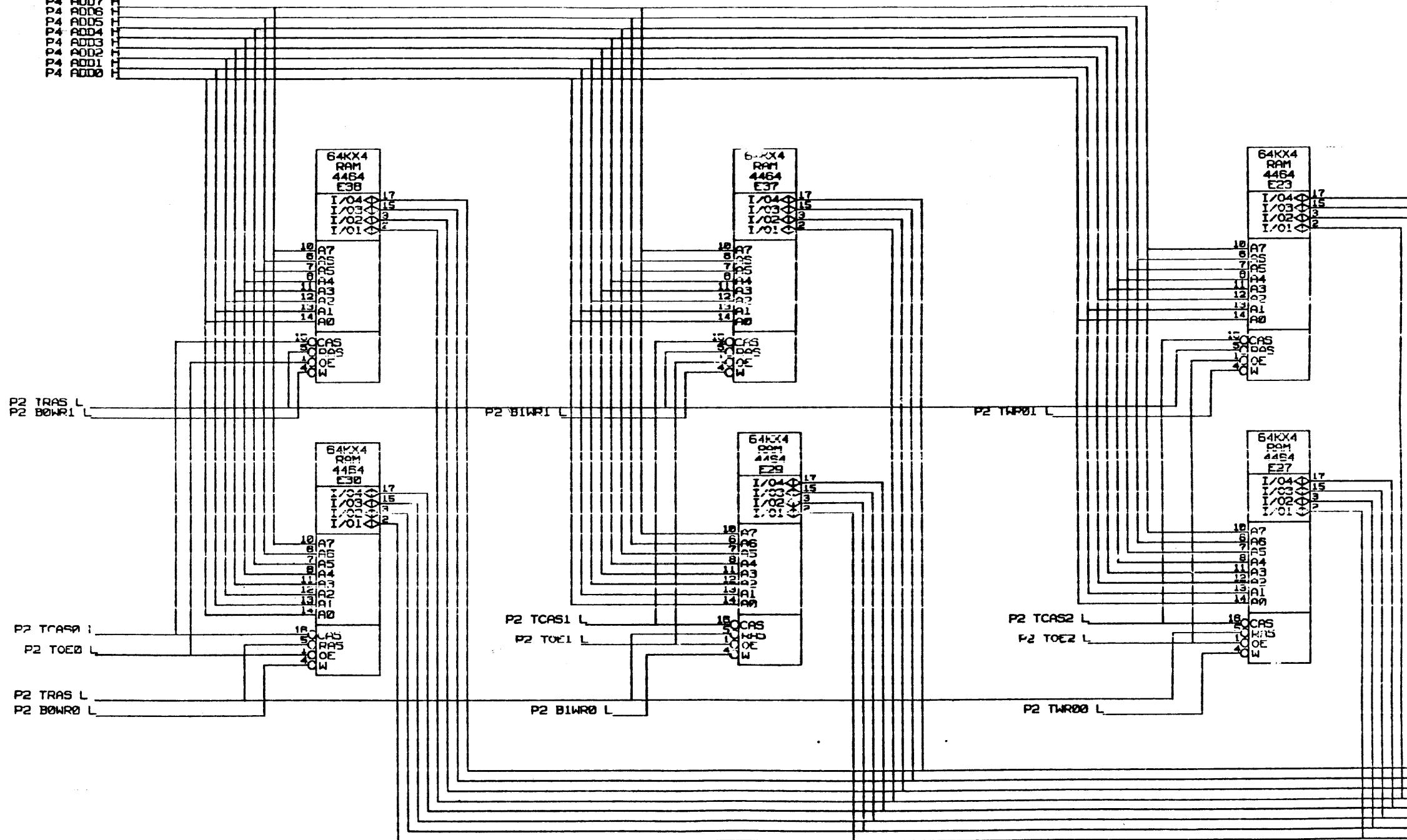


BPO1



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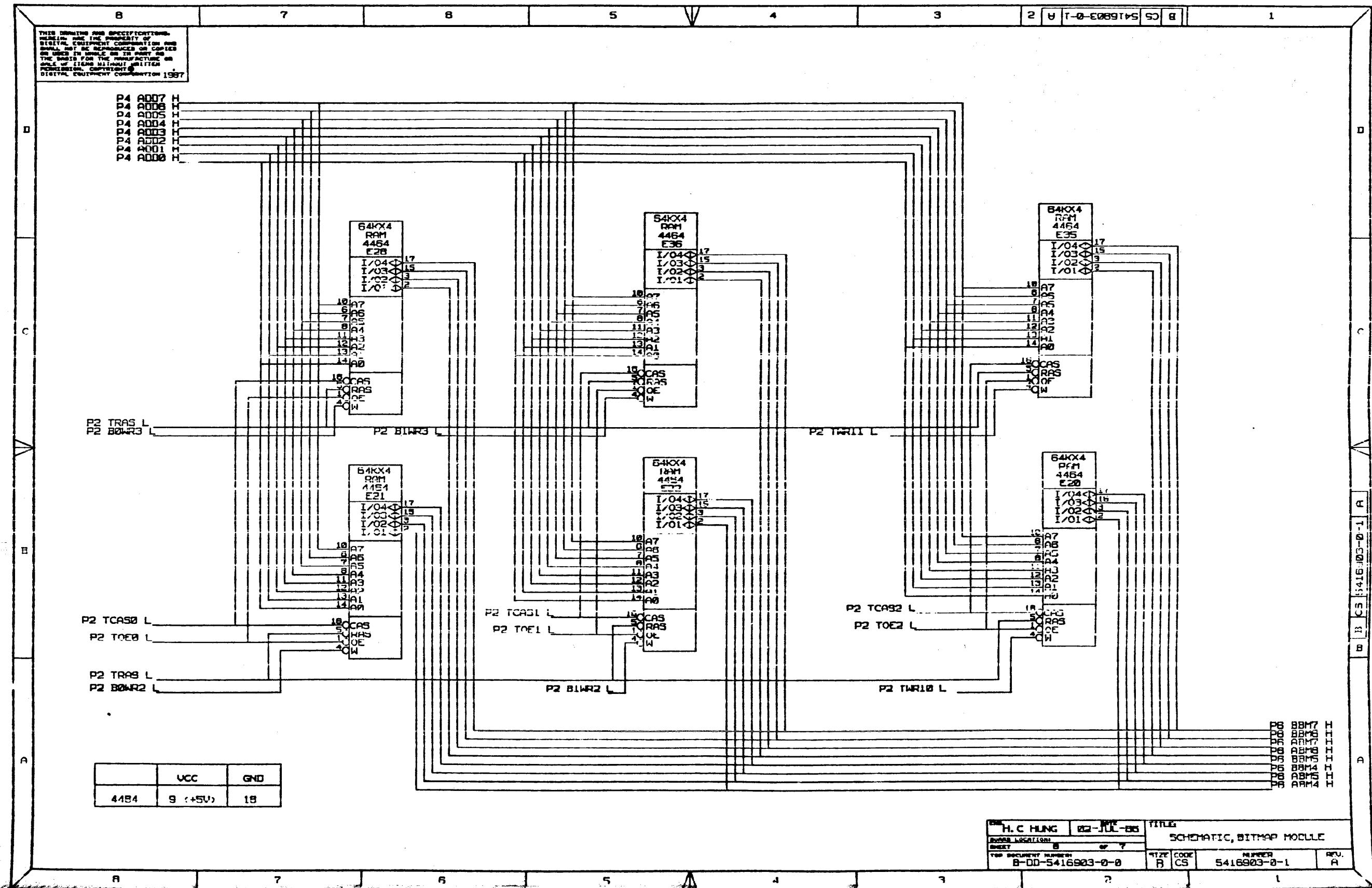
P4 ADD7 H
P4 ADD6 H
P4 ADD5 H
P4 ADD4 H
P4 ADD3 H
P4 ADD2 H
P4 ADD1 H
P4 ADD0 H

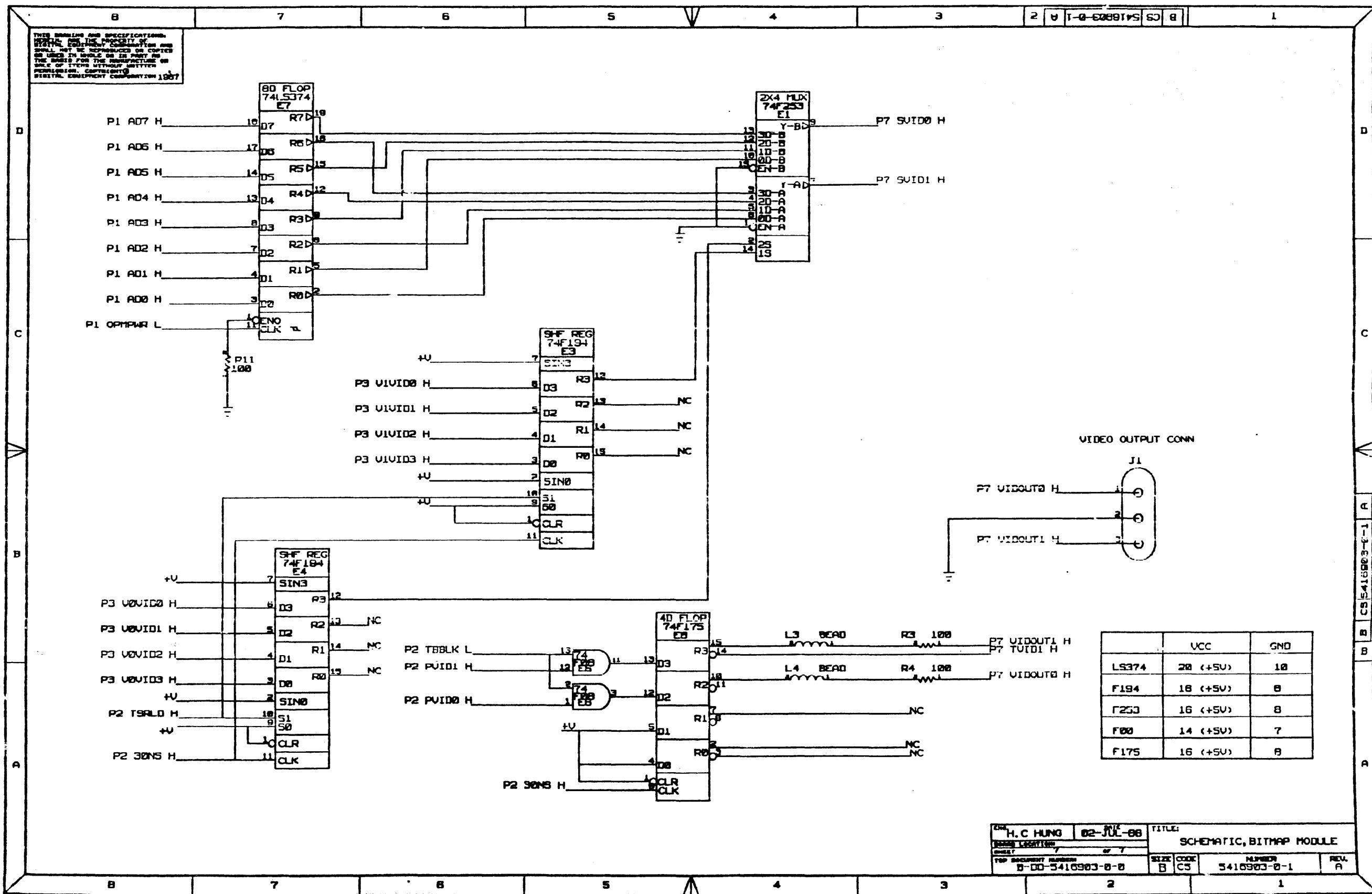


	VCC	GND
4484	9 (+5V)	18

DRAWN BY: H. C. HUNG		DATE: 02-JUL-86	TITLE: SCHEMATIC, BITMAP MODULE		
APPROVED LOCATION:					
SHEET: 5		OF 7			
TOP DOCUMENT NUMBER: B-00-5416903-0-0			SIZE: B	CODE: CS	NUMBER: 5416903-0-1
					REV. A

BP01





BPOH

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS												
				A1	B1											
D-UA-5416907-0-0	1	54-16907-01	VIDEO AMPLIFIER MODULE	A	B											
B-CS-5416907-0-1	1		UNIT ASSY	A	A											
K-PL-5416907-0-DBP	2		SCHEMATIC	A	B											
K-PC-5416907-0-DBV	1		P.C. DESIGN DATA BASE	A	A											
K-CS-5416907-0-DBX	1		VALID DATA BASE	A	A											
		50-16906-01	ETCH CIRCUIT BOARD	J1	J1											
B-DD-5016906-0-0	1		DRAWING DIRECTORY	A	A											
NOTES:																
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				CHK'D										CHK'D	B. CHEN	DATE 5-MAY-86
				DES. ENG.										DES. ENG.	K. WU	DATE 5-MAY-86
				RESP. ENG.										RESP. ENG.	J. B. LOU	DATE 5-MAY-86
				MFG. ENG.										MFG. ENG.		DATE 3 March 87
														SIZE	CODE	NUMBER
														B	DD	5416907-0-0
														REV.		R
														SHEET	1 OF 1	

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digital

DRB 120C
EN-01242-16-REVA (389)

PARTS LIST

SHEET A1 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
1	1	B-DD-5016906-0-0	50-16906-01	J CIRCUIT DRILL AND ETCH BOARD	1	
2	2		10-00020-00	180 PFD 100V +/- 5% 200PP	1	C311
3	3		10-13466-22	0.10 MFD 50V +80/-20% Z5U C	4	C301,C303,C304,C306
4	4		10-16544-00	0.10 MFD 100V +/-10% MYLAR	1	C309
5	5		10-16557-00	470 MFD 16V +50/-20% ALU	1	C305
6	6		10-16570-00	1000 PFD 500V +80/-20% X5S/Z	1	C313
7	7		10-18000-34	100 MFD 100V +50/-20% ALU	1	C310
8	8		10-23486-02	10 MFD 16V +/-20% ALU	1	C302
9	9		10-27628-01	0.047MFD 1000V +80/-20% Z5V	2	C315,C316
10	10		11-20828-01	PIV=1000 IO= 1.50A	1	D301
11	11		11-21581-01	PIV=1500 IO= 60MA	1	D303
12	12		11-27611-01	DIA SURGE ABSORBER 300V +/-15%	1	D314
13	13		12-15323-05	PCB HEADER 03PIN(1X03).100CC STR	1	J303
14	14		12-15323-08	PCB HEADER 16PIN(1X16).100CC STR	1	J301
15	15		12-27032-01	SKT,CRT 07POS W/SPARKGAP	1	J103
16	16		13-00229-00	100.0 .25 W 5.0 % CF	1	R300
17	17		13-00271-00	220.0 .25 W 5.0 % CF	7	R304-R307,R310,R311,R333
18	18		13-00274-00	220.0 .50 W 5.0 % CF	1	R312
19	19		13-00296-00	330.0 .50 W 5.0 % CF	1	R328
20	20		13-00309-00	390.0 .25 W 5.0 % CF	2	R320,R321
21	21		13-00365-00	1.0 K .25 W 5.0 % CF	4	R322,R323,R331,R332
22	22		13-00426-00	2.70 K .25 W 5.0 % CF	1	R309
23	23		13-01317-00	10.0 .25 W 5.0 % CF	1	R317
24	24		13-01424-00	680.0 .25 W 5.0 % CF	3	R308,R316,R324
25	25		13-01775-00	820.0 .25 W 5.0 % CF	1	R334
26	26		13-01785-00	22.0 K .50 W 5.0 % CF	2	R313,R314
27	27		13-02177-00	47.0 K .25 W 5.0 % CF	1	R330
28	28		13-02957-00	121.0 .25 W 1.0 % RN55D-F10	1	R302
29	29		13-10881-01	330.0 .25 W 1.0 % MF FUS	1	R301
30	30		13-12930-00	5.10 K .25 W 5.0 % CF	1	R319
31	31		13-16839-00	715.0 .25 W 1.0 % RN55D-F10	1	R326
32	32		13-27013-07	390.0 5.0 W 5.0 % M.OXIDE	1	R315

REVISION HISTORY			KPL MODULE FORMAT	SECTION A OF A	DRN: F. LIN	DATE: 05-MAY-86	D I G I T A L
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		CHK'D: B. CHEN	DATE: 05-MAY-86	TITLE PARTS LIST
BB	5416907-ML001	A	[A] 01	[M]	DES.ENG: K. WU	DATE: 05-MAY-86	VIDEO AMPLIFIER MODULE
		B	[B]	[N]	RESP.ENG.: JB LOU	DATE: 05-MAY-86	DOCUMENT NUMBER
			[C]	[P]	MFG.ENG: G.CHRISTIANSEN	DATE: 25-FEB-87	SIZE CODE NUMBER
			[D]	[Q]	FILE NAME: GH433B.PLS	RELEASE DATE: 26-OCT-87	
			[E]	[R]	EDIT # 2	RELEASE STATUS: RELEASED	
			[F]	[S]			
			[H]	[T]			
			[J]	[V]			
			[K]	[W]			
			[L]	[Y]			
			BASIC PART NUMBER: 5416907		ASSEMBLY NUMBER: D-UA-5416907-0-0	TOP DOCUMENT NUMBER: B-DD-5416907-0-0	

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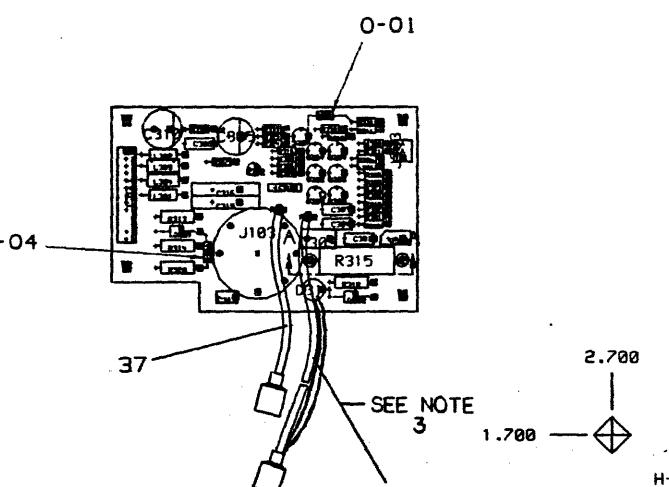
AUTOMATED BY VAXKPL (V1.3)

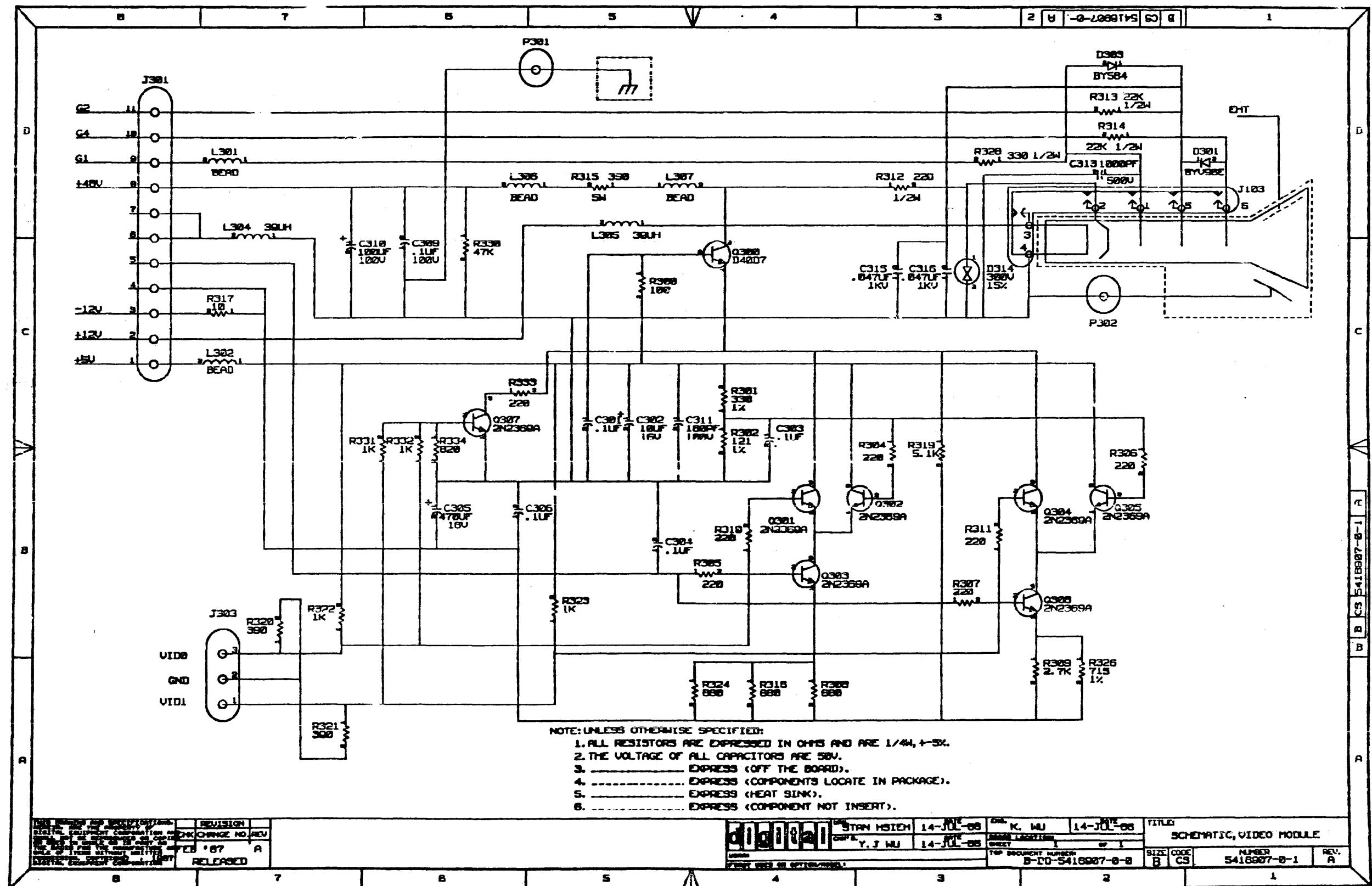
PARTS LIST

SHEET A2 OF A2

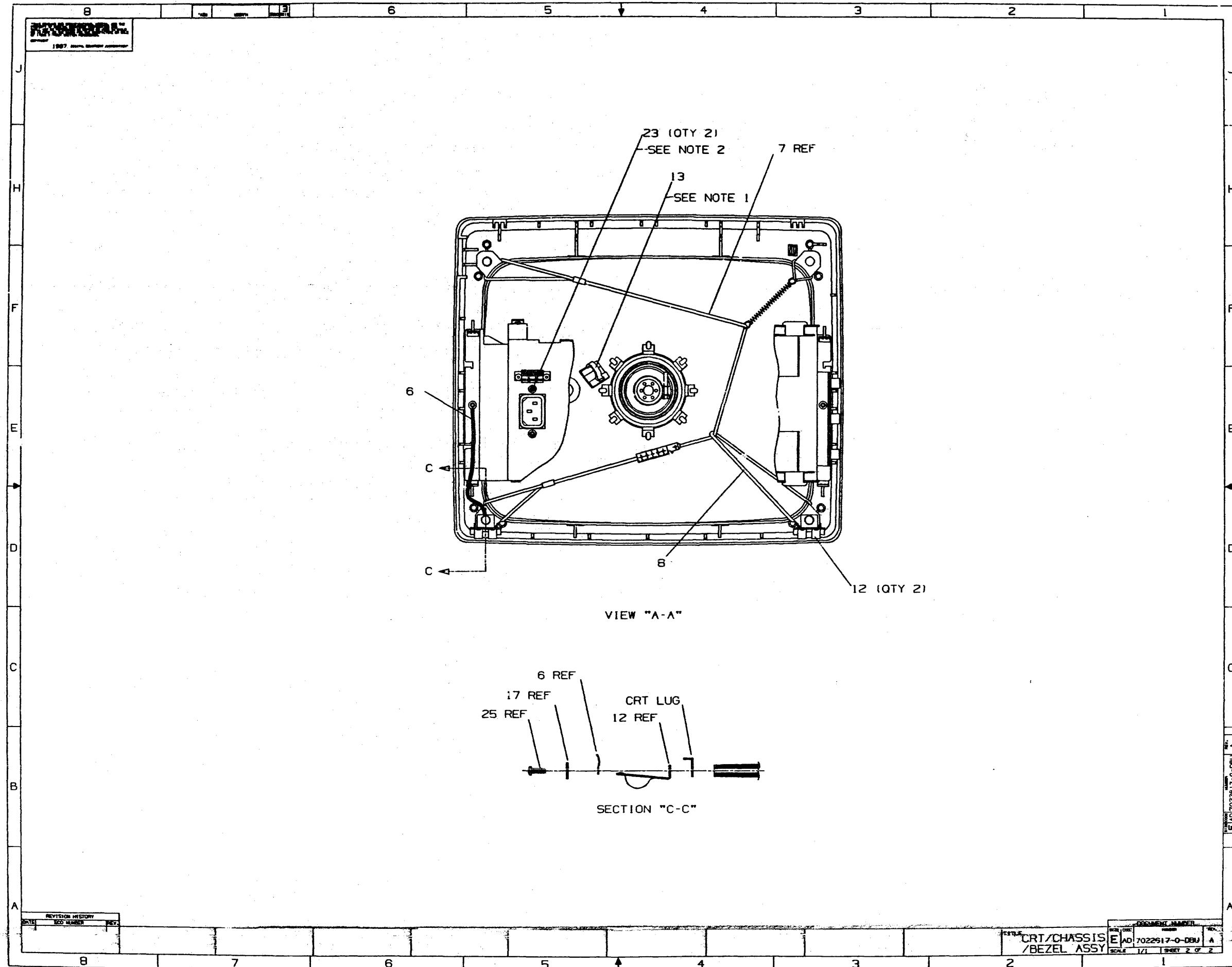
LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
33	33	15-19535-01		D40D7 NPN 50MH 60V 1A	1	Q300
34	34	15-21002-01		2N 2369A NPN 200MA 15V TO-18	7	Q301-Q307
35	35	16-13898-02		39.0 UH INDUCTOR	2	L304,L305
36	36 B-IA-7023276-0-DBU	16-18238-02		BEAD,FERRITE .1380DX.330LG	4	L301,L302,L306,L307
37	37 B-IA-7023276-0-DBU	70-23276-02		GROUNDING WIRE	1	P301
38	38 B-IA-7023276-0-DBU	70-23276-03		*** THIS ITEM IS NOT USED ***	-	
39	49 B-IA-7024554-0-DBU	70-24554-01	A	GROUNDING WIRE	1	P302

DIGITAL TITLE				SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
D	I	G	I	T	A	L	K PL	5416907-0-DBP

8		9	5	4	3	2	1																																																																																																																		
		7	DUA	5416907-0-0																																																																																																																					
<p><small>THIS DRAWING AND THE INFORMATION CONTAINED THEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE COPIED OR DISCLOSED EXCEPT IN ACCORDANCE WITH A WRITTEN AGREEMENT BETWEEN THE PARTIES. THIS DRAWING IS THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND IS RESTRICTED UNDER THE FEDERAL COMMERCE LAW.</small></p> <p>D REWORK INSTRUCTIONS:</p> <p>COMPONENT ADDS SIDE ONE (AS SHOWN).</p> <p>0-01. ADD R334 PN 1204124-00 13-01775-00 R334 PIN 1 TO R331 PIN 2 R334 PIN 2 TO Q307 PIN 1.</p> <p>0-02. ADD L307 PN 16-18238-02 L307 PIN 1 TO R315 PIN 1 HOLE L307 PIN 2 TO R315 PIN 1 (LIFT R315 PIN 1).</p> <p>0-03. ADD L306 PN 16-18238-02 L306 PIN 1 TO R315 PIN 2 HOLE L306 PIN 2 TO R315 PIN 2 (LIFT R315 PIN 2).</p> <p>0-04. ADD D303 PN 11-21581-01 D303 PIN 1 TO D301 PIN 1 D303 PIN 2 TO R328 PIN 1.</p>																																																																																																																									
<p>C</p> <p>B</p>  <p>SECTION "A-A"</p>																																																																																																																									
 <p>0-01</p> <p>0-02</p> <p>0-03</p> <p>0-04</p> <p>37</p> <p>SEE NOTE 3</p> <p>2.700</p> <p>1.700</p> <p>39</p> <p>H-MASTER-REF.</p>																																																																																																																									
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PARTS LIST

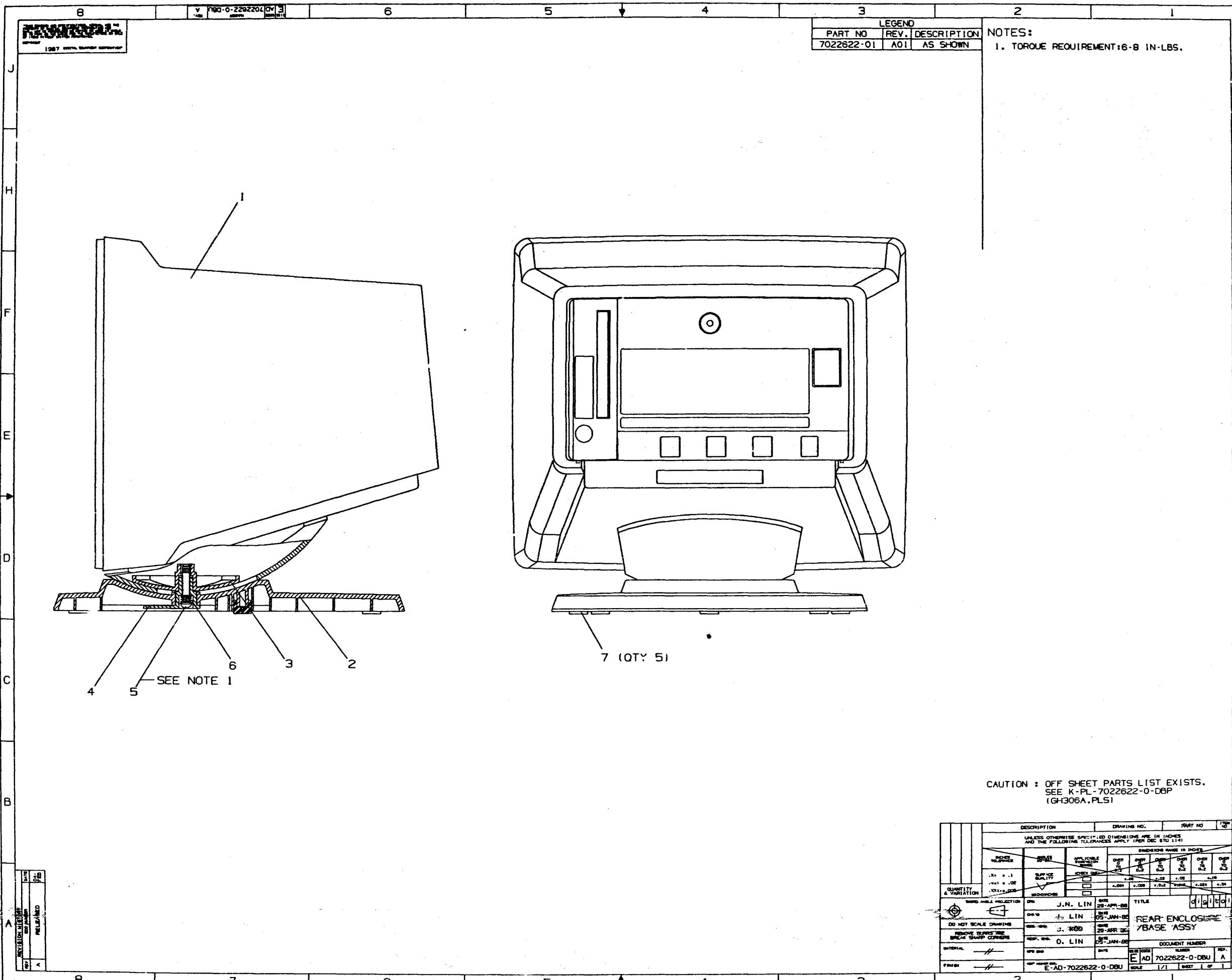
SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION		
					01 A1	02 A1	03 A1
1	1	C-IA-7020773-0-0	70-20773-01	A LED ASSY	1	1	1
2	2	C-AD-7022618-0-DBU	70-22618-01	A CONTROL/BRACKET ASSY	1	1	1
3	3	C-AD-7022620-0-DBU	70-22620-01	A INLET/SWITCH ASSY	1	1	1
4	4	E-AD-7022621-0-DBU	70-22621-01	A CHASSIS ASSY	1	1	1
5	5	D-AD-7022619-0-DBU	70-22619-01	A YOKE ASSY	1	1	1
6	6	B-IA-7023735-0-DBU	70-23735-01	A CRT GROUND CABLE ASSY	1	1	1
7	7	B-IA-7024226-0-DBU	70-24226-01	A STRAP/GROUND ASSY	1	1	1
8	8	B-IA-7024507-0-DBU	70-24507-01	A GROUNDING BRAID ASSY	1	1	1
9	9	E-MD-7432382-0-DBU	74-32382-01	A BEZEL,FRONT	1	1	1
10	10	C-MD-7434218-0-DBU	74-34218-01	A SHIELD,EMI FILTER	1	1	1
11	11	E-IA-7434914-0-DBU	74-34914-01	A BRACKET,GROUNDDING	1	1	1
12	12	C-IA-7435082-0-DBU	74-35082-01	A BRACKET,GROUNDDING	2	2	2
13	13		12-21249-04	CLIP, WIRE ROUTING W/ACRYLIC ADH	1	1	1
14	14		12-23217-01	MAGNET,PINCUSHION 6.0 GAUSS	A/R	A/R	A/R
15	15		12-23217-02	MAGNET,PINCUSHION 8.5 GAUSS	A/R	A/R	A/R
16	16		12-23217-03	MAGNET,PINCUSHION 15.5 GAUSS	A/R	A/R	A/R
17	17		12-26940-01	WASHER,LOCK	4	4	4
18	18		12-27299-02	A CRT,14" FLAT GREEN	-	1	-
19	19		12-27299-03	A CRT,14" FLAT AMBER	-	-	1
20	20		12-27760-01	A CRT,FLAT 14"	1	-	-
21	21		36-10267-00	LABEL,DANGER HIGH VOLTAGE,SMOOTH	1	1	1
22	22 SEE NOTE 1		36-15670-01	TAPE,FIBGLAS ADH 1.0 WDX .007T	8	8	8
23	23		90-00049-24	SCREW,SEMS PAN PHIL 6-32	3	3	3
24	24		90-06565-01	NUT,HEX EXT TOOTH LCKWSHR 10-32X	1	1	1
25	25		90-09800-08	SCREW,THD RL,PAN PHIL F/PLAS	6	6	6
26	26		90-10355-01	TIE,TWIST,W/STANDOFF	2	2	2
27	27	B-IA-7433851-0-DBU	74-33851-01	A LOGO,DIGITAL	1	1	1
28	28	B-IA-7433852-0-DBU	74-33852-01	A NAMEPLATE,VT330	1	1	1

1 GEN: QTY OF ITEM 22 IS IN INCHES.

REVISION HISTORY			KPL MATRIX FORMAT	SECTION A OF A	IDRN: Y. W. LEE	D I G I T A L			
ENG:	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 29-APR-86			
--- INITIAL			A	[A] 01,02,03	CHK'D: I. LIN	TITLE PARTS LIST			
				[B]	DATE: 29-APR-86	CRT/CHASSIS/BEZEL ASSY			
				[C]	DES.ENG: J. KUO	DOCUMENT NUMBER			
				[D]	DATE: 29-APR-86				
				[E]	RESP.ENG.: O. LIN	SIZE	CODE	NUMBER	REV
				[F]	DATE: 29-APR-86				
				[G]	MFG.ENG: G. WU	K	PL	7022617-0-DBP	A
				[H]	DATE: 04-FEB-87	RELEASE DATE: 02-MAR-87			
				[I]	RELEASE STATUS: RELEASED				
				[J]	FILE NAME: GH301A.PLS			EDIT # 37	
					TOP DOCUMENT NUMBER: 1E-AD-7022617-0-DBU				
					ASSEMBLY NUMBER: 1E-AD-7022617-0-DBU				
					BASIC PART NUMBER: 7022617				

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CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-7022622-0-DBP
(GH306A.PLS1)

		DESCRIPTION	DRAWING NO.	PRINT NO.	DATE	
		UNLESS OTHERWISE SPEC'D, DIMENSIONS ARE IN INCHES AND THE FOLLOWING STANDARDS APPLY: IPER DEC STD 1141				
QUANTITY & VARIATION	INCHES TOLERANCE	APPLICABLE DIMENSION	DIMENSIONS IN INCHES			
			OVER TO	OVER TO	OVER TO	OVER TO
X-1	+ .01	+ .02	+ .03	+ .04		
X-1 + .01	+ .02	+ .03	+ .04	+ .05		
X-1 + .02	+ .03	+ .04	+ .05	+ .06		
THIRD ANGLE PROJECTION		WORLDSHIPS	OPEN	OPEN	OPEN	OPEN
DO NOT SCALE DRAWINGS		J. N. LIN	DATE 29-APR-06	TITLE REAR ENCLOSURE VBASE ASSY	FIGURE 101	
REMOVE SURFACE BREAK SHARP CORNERS		H-1 LIN	DATE 05-JAN-06			
MATERIAL		G. J. KELLY	DATE 05-APR-06			
FINISH		H. P. HARRIS	DATE 05-APR-06			
		O. LIN	DATE 05-JAN-06			
		H. P. HARRIS	DATE 05-APR-06			
		E-AD-7022622-0-DBU	REF ID: E AD	NUMBER 7022622-0-DBU	REV. A	
			SCALE 1/1	SHEET 1	OF 1	

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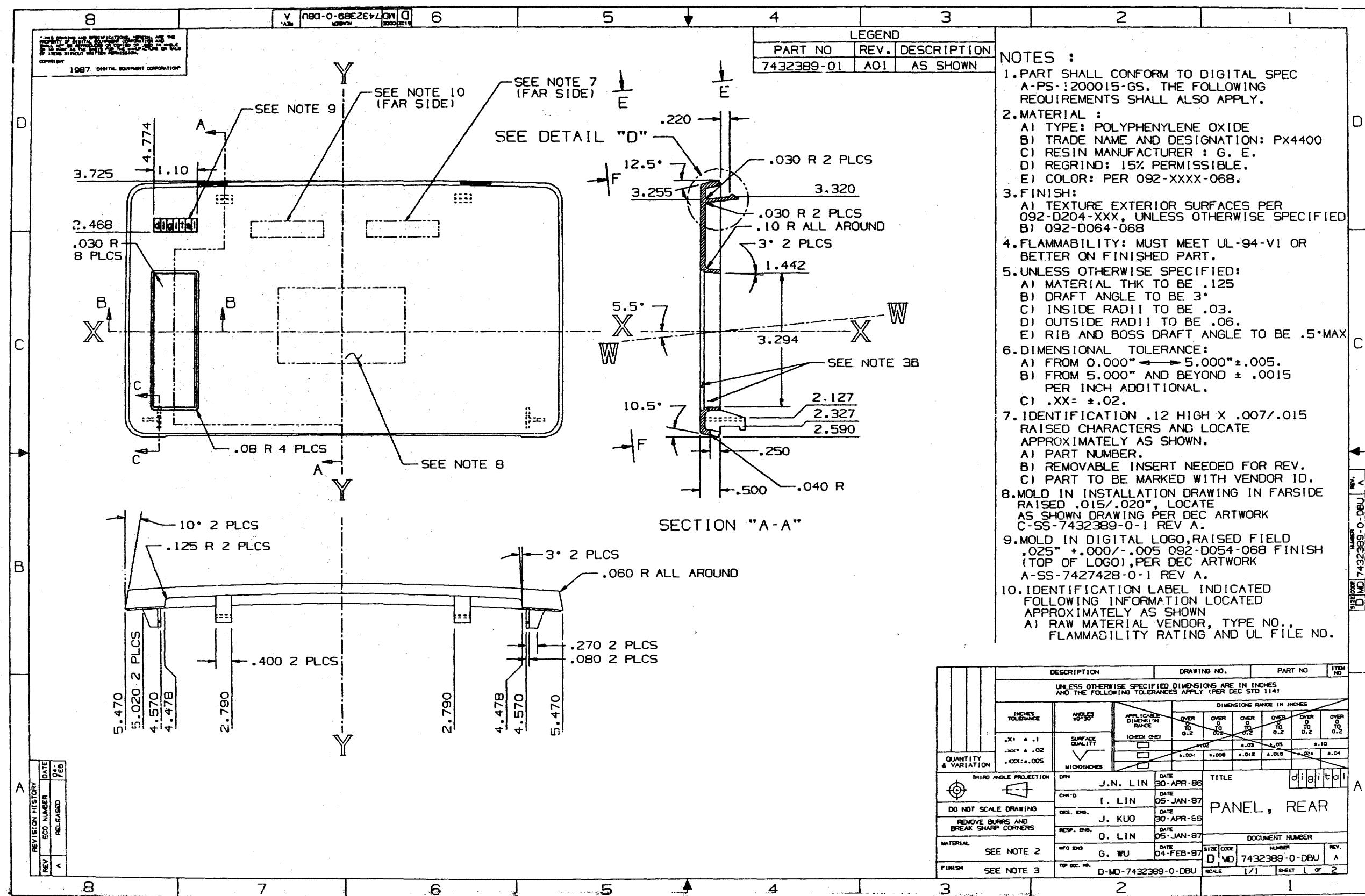
P A R T S L I S T

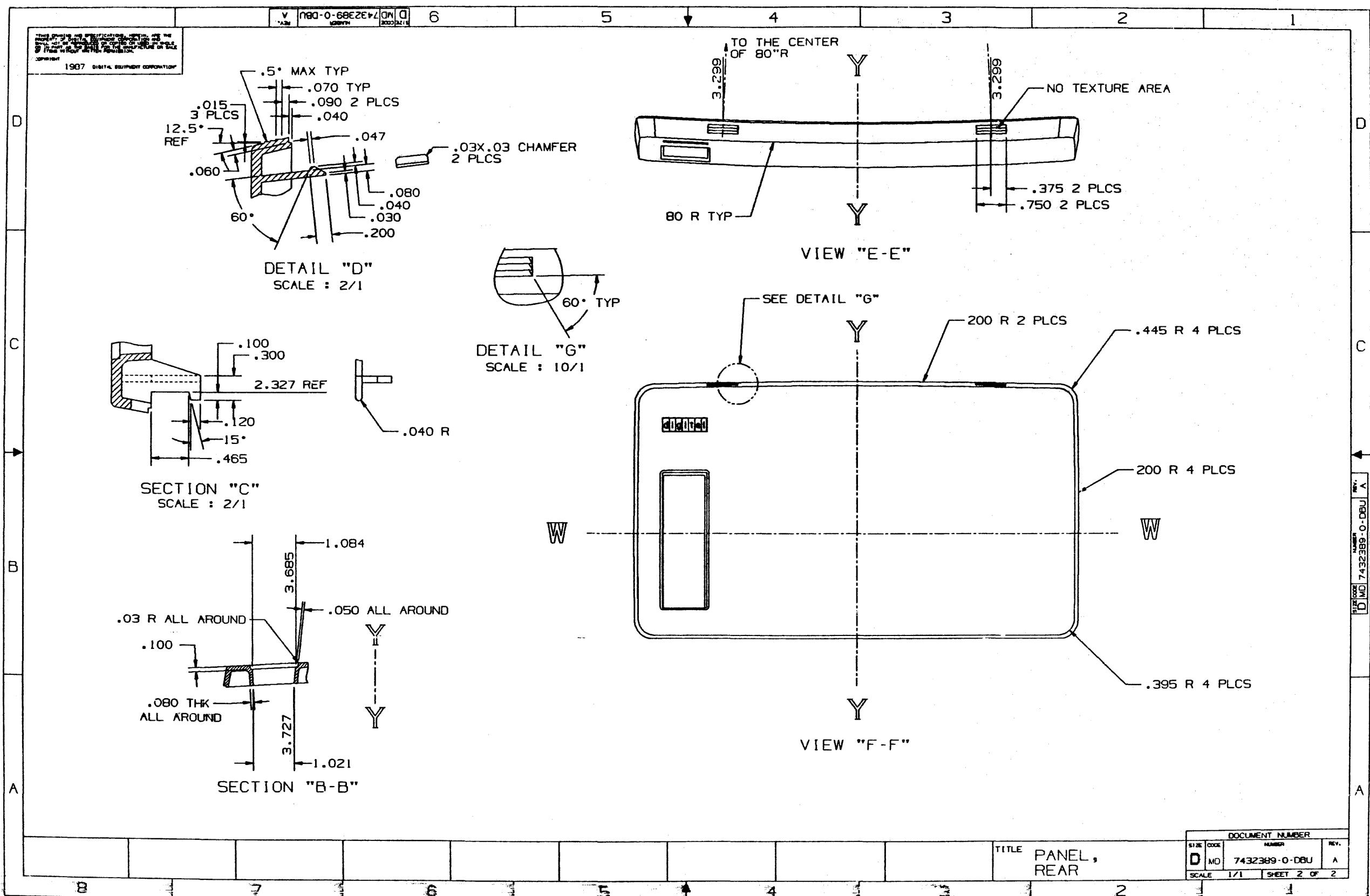
SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	QUANTITY PER VARIATION/REVISION
1	1 E-IA-7023761-0-DBU	70-23761-01	A	REAR ENCLOSURE/SCREEN ASSY	1	
2	2 E-MD-7432386-0-DBU	74-32386-01	A	BASE, SWIVEL	1	
3	3 D-IA-7432392-0-DBU	74-32392-01	A	BRAKE, SWIVEL	1	
4	4 C-MD-7432557-0-DBU	74-32557-01	A	PIVOT, SWIVEL	1	
5	5	12-26952-01		SCREW, THD RL	PHIL F/METAL	1
6	6	12-26967-01		SPRING, SWIVEL		1
7	7	12-26968-01		BUMPER	RUBBER	5

REVISION HISTORY			!KPL MATRIX FORMAT!SECTION A OF A!DRN: J.N. LIN		D I G I T A L					
ENG!	ECO NUMBER	!REV	!SECTION/VARIATION INDEX		CHK'D: I. LIN	TITLE PARTS LIST				
	INITIAL	A	[A] 01		DATE: 05-JAN-87	REAR ENCLOSURE/BASE ASSY				
			[B]							
			[C]							
			[D]		DES.ENG: J. KUO	DOCUMENT NUMBER				
			[E]		DATE: 19-APR-86	SIZE!CODE! NUMBER ! REV				
			[F]		RESP.ENG.: O. LIN	K PL 7022622-0-DBP A				
			[H]		DATE: 05-JAN-87					
			[J]		MFG.ENG: G. WU	RELEASE DATE: 18-FEB-87				
					DATE: 04-FEB-87	RELEASE STATUS: RELEASED				
			BASIC PART NUMBER: 7022622		ASSEMBLY NUMBER: !E-AD-7022622-0-DBU	TOP DOCUMENT NUMBER: !E-AD-7022622-0-DBU		FILE NAME: !GH306A.PLS	EDIT # 23	

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LEGEND

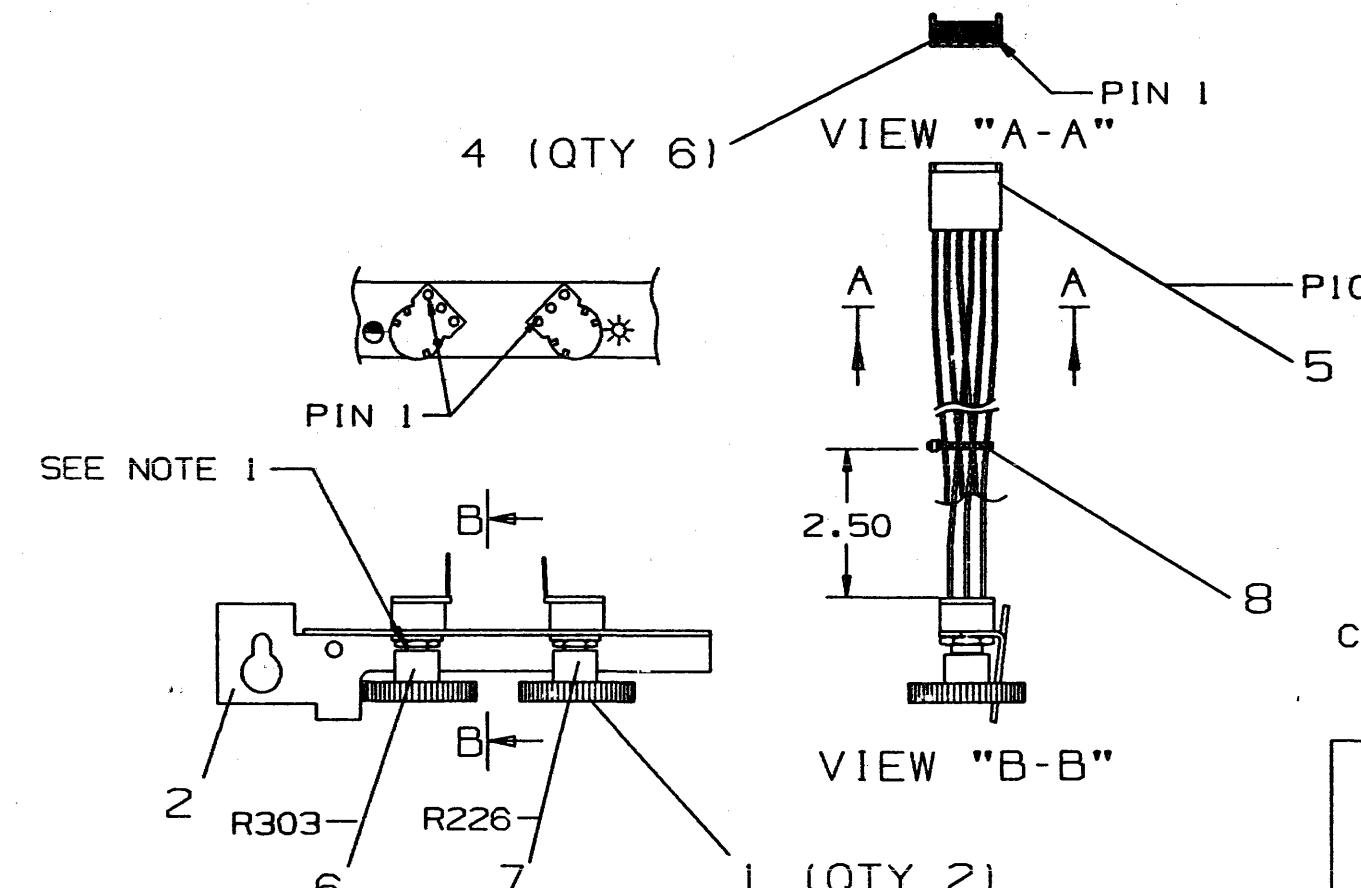
PART NO	REV.	DESCRIPTION
7022618-01	A01	SEE SHT 1 OF 2
7022618-02	A01	SEE SHT 2 OF 2

NOTES:

1. TORQUE REQUIREMENT:
4-6 IN-LBS FOR ITEM 6 & 7

WIRE TABLE

ITEM NO	DESCRIPTION	AWG	COLOR	FROM CONNECTION	TO CONNECTION	WITH	PRECUT LENGTH
9	BLK	22		P104-1	5	Ø R226-3	SOLDER 5.00
10	BRN	22		P104-2	5	Ø R226-2	SOLDER 5.00
11	RED	22		P104-3	5	Ø R226-1	SOLDER 5.00
12	ORN	22		P104-5	5	● R303-3	SOLDER 5.00
13	YEL	22		P104-4	5	● R303-2	SOLDER 5.00
14	GRN	22		P104-6	5	● R303-1	SOLDER 5.00



CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-7022618-0-DBP
(GH302A.PLS)

ITEM NO.	DESCRIPTION			DRAWING NO.		PART NO.	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)			DIMENSIONS RANGE IN INCHES			
QUANTITY & VARIATION	INCHES TOLERANCES +X1- -XX1- -XXX1-	ANGLES TO-90° +X1- -XX1- -XXX1-	APPLICABLE EXTENSION RANGE (CHORD SWELL)	OVER 0.10 0.02 0.04	OVER 0.10 1.2 0.02 0.04	OVER 0.10 12.0 4.0 0.05 0.06	OVER 0.10 12.0 40.0 0.10 0.10
	MICROINCHES						
1	THIRD ANGLE PROJECTION	DIN J.N. LIN	DATE 29-APR-86	TITLE digital			
2	DO NOT SCALE DRAWING	DIN J. P. LO	DATE 16-DEC-86				
3	REMOVE BURRS AND BREAK SHARP CORNERS	DES D&O J. KUO	DATE 29-APR-86				
4	MATERIAL	RESP D&O O. LIN	DATE 18-DEC-86				
5		MFG D&O G. WU	DATE 23-JAN-87	DOCUMENT NUMBER			
6		TOP D&O	DATE	SIZE CODE	NUMBER	REV	
7				C-AD	7022618-0-DBU	A	
8							

REVISION HISTORY	DATE	ECO NUMBER	RELEASED
A	21-JAN-87		

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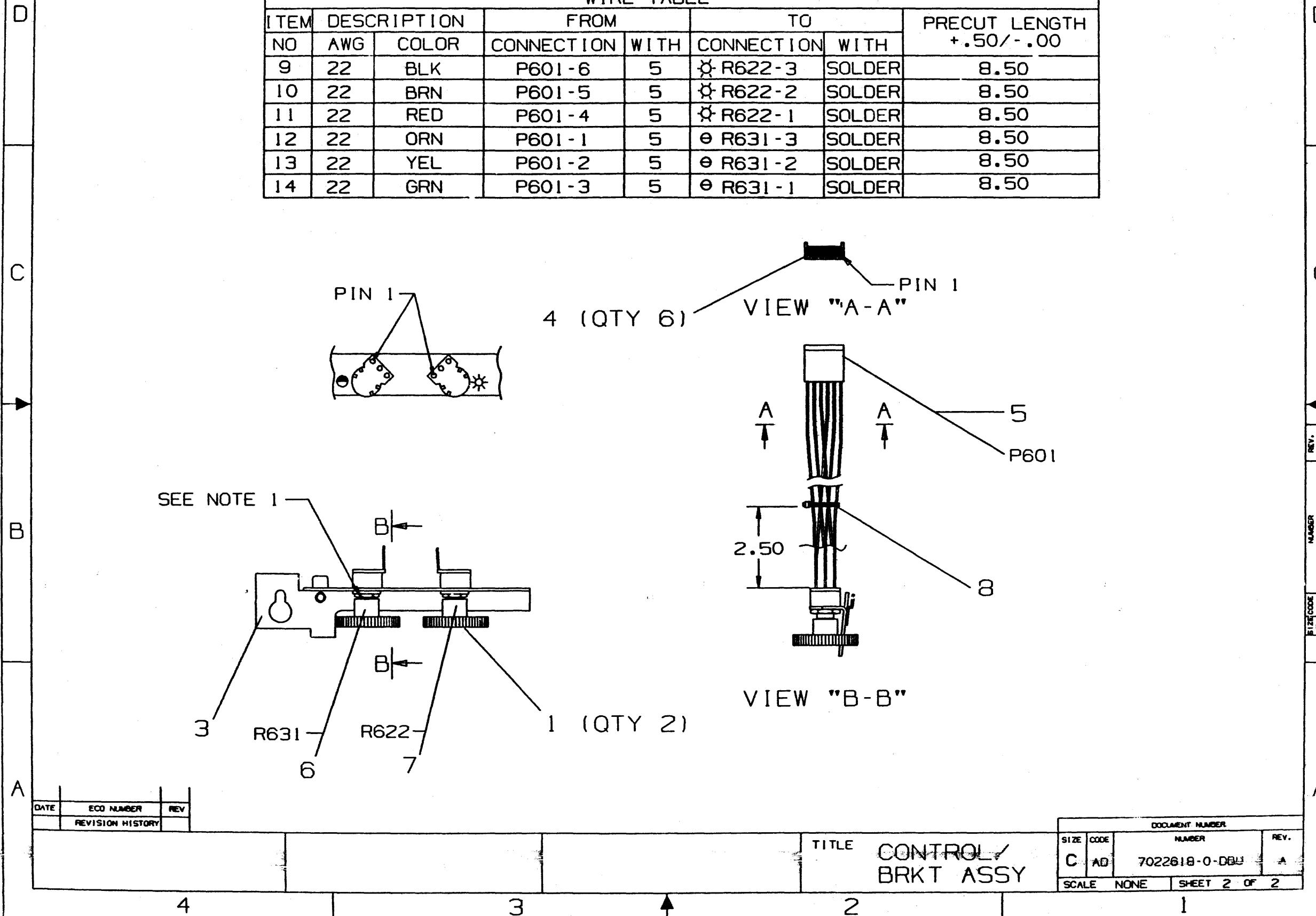
2

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WIRE TABLE

ITEM NO	AWG	COLOR	FROM CONNECTION		TO CONNECTION		PRECUT LENGTH +.50/- .00
			WITH	P601-6	WITH	R622-3	
9	22	BLK		5		SOLDER	8.50
10	22	BRN		5		SOLDER	8.50
11	22	RED		5		SOLDER	8.50
12	22	ORN		5		SOLDER	8.50
13	22	YEL		5		SOLDER	8.50
14	22	GRN		5		SOLDER	8.50



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PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION		
					MIN	01	02
					A1	A1	

1	1	C-MD-7432393-0-DBU	74-32393-01	A	THUMBWHEEL	2	2
2	2	C-IA-7432396-0-DBU	74-32396-01	A	BRKT W/O CONN	1	-
3	3	C-IA-7432396-0-DBU	74-32396-02	A	BRACKET,W/CONNECTOR	-	1
4	4		12-14979-01	CONN,P+S	02PIN 30-22AWG .06	6	6
5	5		12-15322-00	CONN,P+S	06POS(1X06).100CC HSG	1	1
6	6		13-27574-01	10.0 K	.05 W20.0 % POT	1	1
7	7		13-27574-02	50.0 K	.05 W20.0 % POT	1	1
8	8		90-09996-00	TIE,CABLE PRELOADED MAG.	100 EA	1	1
9	9	SEE NOTE 1	91-07900-00	WIRE,	22AWG(07/30) PVC 300V 8	6	9
10	10	SEE NOTE 1	91-07900-11	WIRE,	22AWG(07/30) PVC 300V 8	6	9
11	11	SEE NOTE 1	91-07900-22	WIRE,	22AWG(07/30) PVC 300V 8	6	9
12	12	SEE NOTE 1	91-07900-33	WIRE,	22AWG(07/30) PVC 300V 8	6	9
13	13	SEE NOTE 1	91-07900-44	WIRE,	22AWG(07/30) PVC 300V 8	6	9
14	14	SEE NOTE 1	91-07900-55	WIRE,	22AWG(07/30) PVC 300V 8	6	9

1 GEN: QTY FOR ITEMS 9 THRU 14 IS IN INCHES.

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A DRN:	J.N. LIN	D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE:	29-APR-86			
---	INITIAL	A	[A]	01,02	CHK'D:	J. P. LO	TITLE PARTS LIST		
			[B]		DATE:	18-DEC-86	CONTROL/BRACKET ASSY		
			[C]		DES.ENG:	J. KUO	DOCUMENT NUMBER		
			[D]		DATE:	29-APR-86			
			[E]		RESP.ENG.:	O. LIN			
			[F]		DATE:	18-DEC-86			
			[H]		MFG.ENG:	GORDON WU	RELEASE DATE: 18-FEB-87		
			[J]		DATE:	26-JAN-87	RELEASE STATUS: RELEASED		
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #	
			7022618		I-C-AD-7022618-0-DBU	I-C-AD-7022618-0-DBU	I-GH302A.PLS	33	

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C
AD
7022620-0-DBU
REV.
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LEGEND

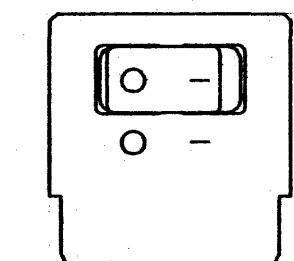
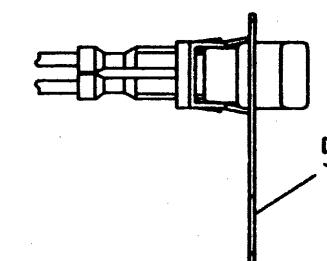
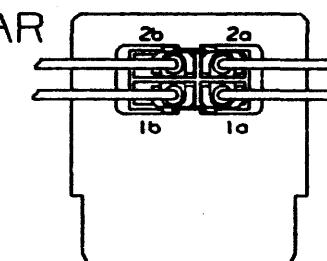
PART NO	REV.	DESCRIPTION
7022620-01	A01	AS SHOWN
7022620-02	A01	AS SHOWN

NOTE:

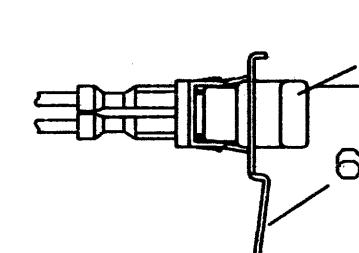
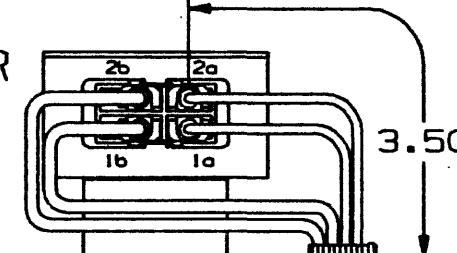
WIRE TABLE

ITEM NO	DESCRIPTION	FROM	TO
	AWG	COLOR	CONNECTION
1 OR 2	18	BRN	-
1 OR 2	18	BLU	-
3 OR 4	18	BRN	P501-1/P801-1
3 OR 4	18	BLU	P501-3/P801-3

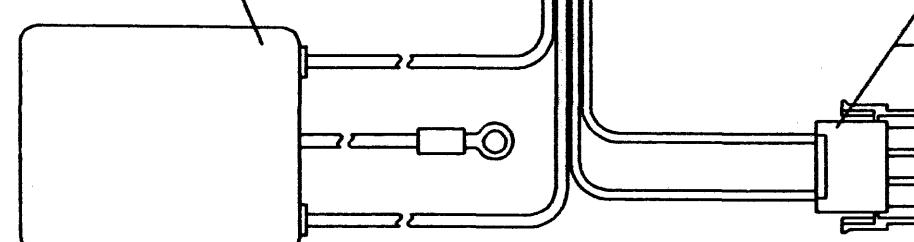
-02 VAR



-01 VAR



1 OR 2



3 P501 (7022620-01)
4 P801 (7022620-02)

4.50
3.50

8 (QTY 2)

ITEM NO.	DESCRIPTION		DRAWING NO.	PART NO.						
	INCHES	TOLERANCES								
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)									
INCHES			ANGLES TO 30°		APPLICABLE EDITION RANGE	DIMENSIONS RANGE IN INCHES				
QUANTITY & VARIATION	X: 1 XX: 2 XXX: 3	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	OVER 0.0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0
INCHES			0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
QUANTITY & VARIATION	X: 1 XX: 2 XXX: 3	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
THIRD ANGLE PROJECTION			0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
DO NOT SCALE DRAWING			0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
REMOVE BURRS AND BREAK SHARP CORNERS			0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
MATERIAL			0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
FINISH			0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03	0.02 0.03
DOCUMENT NUMBER										
TOP DOC. NO.										
DATE										
NAME										
REV.										
ECO NUMBER										
RELEASED										
DATE										
21-JAN										
1										

TITLE		digital	
INLET/SWITCH ASSY			
DOCUMENT NUMBER			
DATE			
NAME			
REV.			
TOP DOC. NO.			
DATE			
NAME			
REV.			
ECO NUMBER			
RELEASED			
DATE			
21-JAN			
1			

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AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION	
					MIN	01 A1
1	1	B-IA-7023755-0-DBU	70-23755-01	A FILTER ASSY	1	-
2	2	B-IA-7023755-0-DBU	70-23755-02	A FILTER ASSY	-	1
3	3	C-IA-7024292-0-DBU	70-24292-01	A PWR WIRE ASSY	1	-
4	4	C-IA-7024292-0-DBU	70-24292-02	A PWR WIRE ASSY	-	1
5	5	B-MD-7432631-0-DBU	74-32631-01	A BRACKET, POWER SWITCH	-	1
6	6	C-MD-7432952-0-DBU	74-32952-01	A BRACKET, POWER SWITCH	1	-
7	7		12-26116-01	SW,RKR, DPST	16A12	1 1
8	8		90-09996-00	TIE,CABLE PRELOADED MAG.100 EA	2	-

REVISION HISTORY			!KPL MATRIX FORMAT!SECTION A OF A!DRN: J. N. LIN		D I G I T A L	
ENG!	ECO NUMBER	!REV	SECTION/VARIATION INDEX		CHK'D: J. P. LO	TITLE PARTS LIST
---	INITIAL	A	[A]	01,02	DATE: 18-DEC-86	INLET/SWITCH ASSY
			[B]			
			[C]			
			[D]			
			[E]			
			[F]			
			[H]			
			[J]			
					MFG.ENG: G. WU	DOCUMENT NUMBER
					DATE: 26-JAN-87	SIZE!CODE! NUMBER ! REV
						K PL 7022620-0-DBP A
						RELEASE DATE: 18-FEB-87
						RELEASE STATUS: RELEASED
			BASIC PART NUMBER:	!ASSEMBLY NUMBER:	!TOP DOCUMENT NUMBER:	!FILE NAME: !EDIT #
			7022620	!C-AD-7022620-0-DBU	!C-AD-7022620-0-DBU	IGH304A.PLS 12

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